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N°2

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par Jacques Boisgontier
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par Yvon Dargery
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par M. Benelfoul et C. Cambien
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Commodore 64 à l'affiche
par Jean-François Sehan
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Etendez le domaine d'utilisation de votre machine, apprenez à analyser et à programmer des applications et enrichissez vos connaissances.

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Tome 2
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Un apprentissage approfondi du Basic et une introduction au langage machine par les jeux mais aussi des programmes de création et de gestion des sprites.

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par Delton T. Horn
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Pour créer vos propres jeux en utilisant les instructions graphiques, les explications et les astuces de programmation proposées à travers 4 programmes de jeux d'aventure. La disquette contenant les programmes du livre : 210,00 FF

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par Laurian Picard
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APPRENEZ A CONNAITRE LE SYSTEME

Le livre du 64
par Benoît Michel
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Pour comprendre le fonctionnement interne du Commodore, transformer le clavier en AZERTY accentué et le Basic en français, utiliser différents modes graphiques en même temps à l'écran... illustré de programmes en Basic et en langage machine.

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par Daniel-Jean David
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Tout sur le jeu d'instructions du microprocesseur du 6510. Une description de l'Assembleur symbolique, de l'éditeur, du chargeur et une étude de l'interaction avec Basic et avec le système.

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par Daniel-Jean David
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Toutes les informations à retrouver rapidement lorsque vous programmez : syntaxe des commandes, codes caractères, langage machine (6502/6510) : la ROM désassemblée pour mieux programmer en langage machine.

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par Milton B. Bathurst
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La liste complète du programme interne du Commodore, détaillé et commenté avec en plus une référence croisée sur l'utilisation des variables et des routines.

Programme Interne du lecteur de disquettes Commodore 1541
par Milton B. Bathurst
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Toutes les possibilités et les astuces d'utilisation de l'unité de disquette 1541 et comment exploiter 4 types de fichiers possibles sur Commodore 64 : program- mes, séquentiel, relatif et utilisateur.

AVEZ-VOUS TOUS LES LIVRES P.S.I. SUR COMMODORE ?



1. Mode 64
par Daniel Jean David
132 pages - 110,00FF

Commandes Basic et périphériques, caractères graphiques, messages d'erreur, jeu d'instructions et tableau de désassemblage du 6502, points d'entrée des routines système.

2. Mode 128
par D.J. David et J.F. Sehan
216 pages - 160,00FF

Les points d'entrée des routines système et Basic 7.0, les commandes CPM, les adresses des variables stratégiques du système mais aussi plein d'astuces comme définir des caractères programmables à l'écran, passer d'un mode à l'autre sans éteindre la machine.

Clefs pour Commodore 128

Deux mémentos qui s'ouvrent à la bonne page et vous donnent toutes les informations dont vous avez besoin.

VOUS TROUVEREZ DES PROGRAMMES DE SON ET DE GRAPHISMES DANS LES OUVRAGES SUIVANTS :

- 102 programmes pour C128
- Basic Commodore 128 méthodes pratiques
- Basic + : 80 routines sur Commodore 64
- Le livre de bord du C64
- Les jeux d'arcade du C64 tome 1 et 2
- Destination aventure sur Commodore 64 + disquette d'accompagnement



Multiplan sur Commodore 64
par Hervé Thiriez
208 pages - 110,00FF *

Pour mieux utiliser ce tableau à l'aide d'exemples progressifs et de nombreux cas d'application : gestion de portefeuille, de copropriété de feuille de paie...

La disquette contenant les programmes du livre : 210,00FF (Attention ! disquette maîtresse Multiplan indispensable)

ALLEZ PLUS LOIN EN BASIC

Commodore 64 : méthodes pratiques
par Jacques Boisgontier
176 pages - 105,00 FF*

Pour en savoir plus sur les possibilités de votre machine, en particulier sur les graphiques haute et basse résolution, les sons, les sprites, les fichiers séquentiels et relatifs, la redéfinition des caractères.

La pratique du Commodore 64
par Daniel-Jean David
176 pages - 95,00 FF

Pour utiliser au mieux les périphériques du Commodore, voici de nombreux programmes ainsi que des notions sur les bases de données et le système d'exploitation disque.

Le livre de bord
du Commodore 64
par Mathieu Kokinski
256 pages - 130,00 FF

L'équipement du Commodore, ses périphériques, son langage Basic mais aussi ses possibilités graphiques et musicales, l'utilisation des fichiers, les programmes de tri, etc...

NOTEZ BIEN : les titres signalés par une * contiennent des programmes fonctionnant sur C 128 en mode 64

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Sommaire

FIRE IN THE Z'GY

Pour récupérer de précieuses clés, Z'GY affronta dans une bien curieuse maison, l'agressivité insolite d'objets d'ordinaire fort anodins...

Vincent LELEU

...listing 1...

Ø REM FIRE IN THE Z'G
Y

```
1 FORL=ØTØ874:READF:POKE2Ø48
Ø+L,F:T=T+F:NEXT
2 IFT<>116491THENPRINT"Ø?DAT
R ERROR":END
3 POKE198,3:POKE631,76:POKE6
32,2Ø7:POKE633,13
4 STOP
```

```
1ØØ DATA162,Ø,16Ø,Ø,2ØØ,192,
255,2ØØ,251,232,224,1Ø,2ØØ,2
44,234,234,173
11Ø DATA64,3,2Ø1,1,2ØØ,67,23
4,234,173,16,2ØØ,41,4,2Ø1,4,
2ØØ
12Ø DATA25,234,234,173,4,2ØØ
,2Ø1,68,24Ø,6,238,4,2ØØ,76,1
55,8Ø
13Ø DATA169,Ø,141,64,3,76,15
5,8Ø,234,234,173,4,2ØØ,2Ø1,2
55,24Ø
14Ø DATA6,238,4,2ØØ,76,155,8
Ø,169,Ø,141,4,2ØØ,173,16,2ØØ
,9
15Ø DATA4,141,16,2ØØ,76,155,
8Ø,234,234,173,16,2ØØ,41,4,2
Ø1,4
16Ø DATA24Ø,25,234,234,173,4,
2ØØ,2Ø1,2Ø,24Ø,6,2Ø6,4,2ØØ,
76,155
17Ø DATA8Ø,169,1,141,64,3,76
,155,8Ø,234,234,173,4,2ØØ,2Ø
1,Ø
18Ø DATA24Ø,6,2Ø6,4,2ØØ,76,1
55,8Ø,169,255,141,4,2ØØ,173,
16,2ØØ
19Ø DATA41,251,141,16,2ØØ,76
,155,8Ø,234,234,173,65,3,2Ø1
,1,2ØØ
2ØØ DATA67,234,234,173,16,2Ø
8,41,8,2Ø1,8,2ØØ,25,234,234,
173,6
21Ø DATA2ØØ,2Ø1,68,24Ø,6,238
,6,2ØØ,76,38,81,169,Ø,141,65
,3
22Ø DATA76,38,81,234,234,173
,6,2ØØ,2Ø1,255,24Ø,6,238,6,2
ØØ,76
23Ø DATA38,81,169,Ø,141,6,2Ø
8,173,16,2ØØ,9,8,141,16,2ØØ,
76
24Ø DATA38,81,234,234,173,16
,2ØØ,41,8,2Ø1,8,24Ø,25,234,2
34,173
25Ø DATA6,2ØØ,2Ø1,12Ø,24Ø,6,
2Ø6,6,2ØØ,76,38,81,169,1,141
,65
26Ø DATA3,76,38,81,234,234,1
73,6,2ØØ,2Ø1,Ø,24Ø,6,2Ø6,6,2
ØØ
27Ø DATA76,38,81,169,255,141
,6,2ØØ,173,16,2ØØ,41,247,141
,16,2ØØ
```

```
28Ø DATA76,38,81,234,234,173
,66,3,2Ø1,1,2ØØ,67,234,234,1
73,16
29Ø DATA2ØØ,41,16,2Ø1,16,2ØØ
,25,234,234,173,8,2ØØ,2Ø1,68
,24Ø,6
3ØØ DATA238,8,2ØØ,76,172,81,
169,Ø,141,66,3,76,Ø,8Ø,234,2
34
31Ø DATA173,8,2ØØ,2Ø1,255,24
Ø,6,238,8,2ØØ,76,172,81,169,
Ø,141
32Ø DATA8,2ØØ,173,16,2ØØ,9,1
6,141,16,2ØØ,76,172,81,234,2
34,173
33Ø DATA16,2ØØ,41,16,2Ø1,16,
24Ø,25,234,234,173,8,2ØØ,2Ø1
,9Ø,24Ø
34Ø DATA6,2Ø6,8,2ØØ,76,172,8
1,169,1,141,66,3,76,172,81,2
34
35Ø DATA234,173,8,2ØØ,2Ø1,Ø,
24Ø,6,2Ø6,8,2ØØ,76,172,81,16
9,255
36Ø DATA141,8,2ØØ,173,16,2ØØ
,41,239,141,16,2ØØ,169,255,2
38,1,2ØØ
37Ø DATA238,1,2ØØ,237,1,2ØØ,
141,1,212,2Ø1,254,24Ø,3,76,1
99,81
38Ø DATA173,1Ø,2ØØ,141,Ø,2ØØ
,234,234,172,1,144,169,129,1
33,253,169
39Ø DATAØ,133,252,177,252,17
Ø,23Ø,253,177,252,142,2,2ØØ,
141,3,2ØØ
4ØØ DATA2Ø1,151,24Ø,7,2Ø1,15
Ø,24Ø,3,76,246,81,169,Ø,141,
11,212
41Ø DATA169,129,141,11,212,2
ØØ,14Ø,1,144,234,173,31,2ØØ,
41,32,2Ø1
```

```
42Ø DATA32,24Ø,6,238,11,2ØØ,
238,11,2ØØ,173,1,22Ø,2Ø1,251
,24Ø,127
43Ø DATA2Ø1,247,24Ø,7,2Ø1,25
4,24Ø,111,76,19,83,76,2Ø4,82
,234,234
44Ø DATA234,173,16,2ØØ,41,32
,2Ø1,32,2ØØ,13,173,1Ø,2ØØ,2Ø
1,47,24Ø
45Ø DATA3,238,1Ø,2ØØ,76,19,8
3,173,1Ø,2ØØ,2Ø1,255,24Ø,6,2
38,1Ø
46Ø DATA2ØØ,76,19,83,169,Ø,1
41,1Ø,2ØØ,173,16,2ØØ,9,32,14
1,16
47Ø DATA2ØØ,76,19,83,173,16,
2ØØ,41,32,2Ø1,32,24Ø,13,173,
1Ø,2ØØ
48Ø DATA2Ø1,34,24Ø,3,2Ø6,1Ø,
2ØØ,76,19,83,173,1Ø,2ØØ,2Ø1,
Ø,24Ø
49Ø DATA6,2Ø6,1Ø,2ØØ,76,19,8
3,169,255,141,1Ø,2ØØ,173,16,
2ØØ,41
5ØØ DATA223,141,16,2ØØ,76,19
,83,2Ø6,11,2ØØ,76,19,83,234,
234,173
51Ø DATA11,2ØØ,2Ø1,216,24Ø,4
7,2Ø1,217,24Ø,43,2Ø1,218,24Ø
,39,2Ø1,71
52Ø DATA24Ø,35,2Ø1,72,24Ø,31
,2Ø1,73,24Ø,27,2Ø1,111,24Ø,2
3,2Ø1,112
53Ø DATA24Ø,19,2Ø1,113,24Ø,1
5,2Ø1,151,24Ø,11,2Ø1,152,24Ø
,7,2Ø1,153
54Ø DATA24Ø,3,76,19,83,169,2
51,141,253,7,76,85,82,234,23
4,173
```

TOURNEZ LA PAGE!
ViiiiiiiiTE!!




```

1440 PRINTPOS$ " I-LE CHARGEME
NT"
1450 PRINT " N APPUYANT SUR
/L/, OH PEU CHARGER UN"
1460 PRINT " BLOC DE CARACTER
E QUE L'ON AVAIT SAUVE-"
1470 PRINT " J -GARDE AUPARAVA
NT. XOUS DEVEZ ENSUITE"
1480 PRINT " ENTRER LE NOM DE
S CARACTERES A CHARGER."
1490 PRINT " J OI VOUS AVEZ CO
MMIS UNE ERREUR, L'OR-"
1500 PRINT " -DINATEUR VOUS L
E SIGNALERA ET ANNULERA"
1510 PRINT " J LE CHARGEMENT."
1520 PRINTPOS$ " I-L'EFFACEMENT
T DE PROGRAMME"
1530 PRINT " -ETTE OPTION PER
MET D'EFFACER UN PRO-"
1540 PRINT " -GRAMME JUGE INU
TILE, MAIS ATTENTION,"
1550 PRINT " CAR SI VOUS AVEZ
FAIT UNE ERREUR, L'OR-"
1560 PRINT " J -DINATEUR EFFAC
ERA QUAND MEME LE PRO-"
1570 PRINT " -GRAMME. ALORS,
UN SEUL RECOURS..."
1580 GOSUB 1790
1590 PRINT " J OI VOUS AVEZ
1600 PRINT " ...APPUYEZ SUR
RUN/STOP' ET "
1610 PRINT " (RESTORE', PUIS
TAPEZ 'RUN' (RETURN)"
1620 PRINTPOS$ " -LES ESSAIS"
1630 PRINT " -L EST POSSIBLE
D'ESSAYER SES CARACTE-"
1640 PRINT " -RES EN APPUYANT
SUR 'E'. XOUS DISPOSE-"
1650 PRINT " J -REZ ALORS D'UN
CURSEUR ET D'UN MENU."
1660 PRINT " UTILISEZ LES TOU
CHES <F1-F8> COMME IN-"
1670 PRINT " -DIQUE. XOUS POU
VEZ ECRIRE N'IMPORTE"
1680 PRINT " QUEL TEXTE, IL S
UFFIRA D'APPUYER SUR"
1690 PRINT " 'F8' (<F7+SHIFT)
POUR REVENIR EN"
1700 PRINT " MODE EDITEUR."
1710 PRINTPOS$ " -DUR SORTIR
DU PROGRAMME: TAPEZ '*' (END)
1720 GOSUB 1790:GOTO 1820
1730 END
1740 REM *****
*****
1750 REM ** ROUTINE D'AFFICH
AGE **
1760 REM *****
*****

```

```

1770 FORT=1TOLEN(A#)+1:PRINT
MID$(A$,T,1);
1780 FORA=1TO17:NEXTA:T:RETU
RN
1790 PRINT "
T- L- A- O- I- "
1800 GETB$:IFB#<CHR$(13) TH
EN 1800
1810 RETURN
1820 REM *****
1830 REM ** CHARGEMENT **
1840 REM *****
1860 PRINT " J OI VOUS AVEZ
OKE 16640,0:NEW"
1870 PRINT " J OI VOUS AVEZ
DIT, CAR N2"CHR$(34)"",80"
1880 POKE 198,2:POKE631,13:P
OKE632,131

```

```

210 PRINT "*****"
ODE : 1 (PRESSEZ 'M')
220 PRINTPOS$ "COULEUR JUNIOU
E" (PRESSEZ 'F1')
230 PRINTPOS$ "COUL.COUR. :
" (PRESSEZ 'X')
240 PRINTPOS$ "COULEUR #1 :
" (PRESSEZ 'A')
250 PRINTPOS$ "COULEUR #2 :
" (PRESSEZ 'B')
260 PRINTPOS$ "COULEUR #3 :
" (PRESSEZ 'C')
270 PRINTPOS$ "COUL.FOND :
" (PRESSEZ 'F')
280 PRINTPOS$ "SAUVEGARDE : S
" (PRESSEZ 'L')
290 PRINTPOS$ "EFFACEMENT : D
" (PRESSEZ 'E')
300 PRINTPOS$ "CATALOGUE : O
" (PRESSEZ 'I')
310 PRINT "*****"

```

...listing 3...

```

10 REM *****
***
20 REM ** EDIT CAR
**
30 REM **NOM DE SAUVEGARDE:
**
40 REM **LIST3. CHARGEUR:
**
50 REM **LIST2. POUR :
**
60 REM ** COMMODORE 64
**
70 REM **PAR MARIN CHRISTOPH
E**
80 REM ** LE 28-12-85
**
90 REM *****
***
100 CLR:PRINTCHR$(8)
110 FORT=832TO958:POKE T,0:N
EXT
120 V=53248:EC=53272:MJ=21:M
N=23:GR=31
130 JT=56320:CX=1:POKE EC,MJ
:POKE V+16,0
140 POKE 53280,0:POKE 53281,
0:GOSUB 2090
150 GOSUB 570:PO$="*****"
160 CX=1:PRINT " J OI VOUS
EDITE
UR DE CARACTERES "
170 POKE 55296+223,CX:M=1
180 PRINT " J OI VOUS AVEZ
190 FORT=0T07:PRINT " J OI
" :NEXT
200 PRINT " *****"

```

```

UB1900:GOTO 350
320 GOSUB 1010
330 O=VAL(O$):IF O<0 OR O>25
5 OR LEN(O$)>3 THEN320
340 GOSUB 650:TP=TI
350 GET A#
360 OJ=15-(PEEK(JT)AND15):IF
OJ=0AND((PEEK(JT)AND16)=16)
ANDAS=" " THENGOSUB2060
370 IF A#="*" THEN 2910
380 IF A#="J" THEN GOSUB 720
390 IF A#="M" THEN GOSUB 700
400 IF A#="I"OROJ=4THEN GOSU
B860
410 IF A#="O" THEN GOSUB 850
420 IF A#="J"OROJ=1THEN GOSU
B820
430 IF A#="N" THEN GOSUB 890
440 IF A#="I"OROJ=8THEN GOSU
B930
450 IF A#="M"OROJ=2THEN GOSU
B900
460 IF A#=" "OR (PEEK(56320)
AND16)=0THEN GOSUB 960
470 IF A#="L" THEN 2690
480 IF A#="F" THEN GOSUB 200
0
490 IF A#="S" THEN 2310
500 IF A#="X" THEN GOSUB 169
0
510 IF A#="I" THEN CY=0:GOTO1
030
520 IF A#CHR$(13)THENSYS 12
502:GOTO 320
530 IF A#="E" THEN 3110
540 IF A#="D" THEN 2750
550 IF A#="0" THEN 2960
560 GOTO 350
570 POKE 2040,13:POKE V,24:P
OKE V+1,73
580 POKE V+29,0:POKEV+23,0:P
OKEV+39,5
590 POKE V+21,PEEK(V+21)OR1
600 POKE 933,255:FORT=836T08
33+24STEP3:POKE T,131:NEXT:P
OKE 833+24,255
610 POKE 897,255:POKE 898,25
5:POKE 936,255
620 FORT=900T0924STEP3:POKET
,128:POKE T+1,3:NEXT
630 POKE 924,255:POKE 925,25
5
640 RETURN
650 BA=14336+8*O
660 FORT=0T07:Z=PEEK(BA+T)

```

DEULIGNE

Et encore un clavier musical : ça devient une mode...

```

00 PRINT "JJELELID000@BLE@BHE@
B0A@JB@KMDOL@IM@MMDLJM@OGJ
IBAHM@BMDL@CANJKA@N@00@B@H"
;
1 PRINT "000000000":FORF=0TO
41:A=1024+F+F:POKE49201+F,PE
EK(A)*16+PEEK(A+1):NEXT:POKE
789,192:NEW

```



```

670 FORA=0T07:IF(ZAND21(7-A),
)THEN POKE 1025+(T+3)*40+A,2-
08
680 NEXT A,T
690 RETURN
700 M=M+1:IFM=5THENM=1
710 POKE 1167,48+M:RETURN
720 SYS 12502
730 POKE V+1,73:POKE V,24:FO
RT=0T07:POKE 14336+8*0+X,T:0:N
EXT:X=0:Y=0
740 RETURN
750 IFM=1THEN RETURN
760 IFM=4THENGOSUB970:RETURN
770 IFM=3THEN GOSUB790:RETU
R N
780 RETURN
790 POKE 1025+(X+3)*40+Y,32
800 POKE 14336+8*0+X,PEEK(14
336+8*0+X)ANDNOT21(7-Y)
810 RETURN
920 X=X-1:IFX=-1THENX=0:GOTO
840
930 SYS 12392
840 GOSUB750:RETURN
850 X=0:Y=0:POKE V+1,73:POKE
V,24:RETURN
960 Y=Y 1:IFY=-1 THEN Y=0:GO
TO 880
970 SYS 12364
880 GOSUB750:RETURN
890 RETURN
900 X=X+1:IFX=8 THEN X=7:GOT
O 920
910 SYS 12378
920 GOSUB750:RETURN
930 Y=Y+1:IFY=8 THEN Y=7:GOT
O 950
940 SYS 12350
950 GOSUB750:RETURN
960 IFM=2 THEN GOSUB790:RETU
RN
970 POKE 1025+(X+3)*40+Y,208
980 POKE 14336+8*0+X,PEEK(14
336+8*0+X)OR21(7-Y)
990 RETURN
1000 SYS 12288:RETURN
1010 PRINT"XXXXXXXXXXXXXXXXXXXX
"
1020 INPUT"XXXXXXXXXXXXXXXXXXXX
ODE ECRAN DU CARACTERE# ";Q$
:RETURN
1030 CX=1:POKE 2040,14:GOSUB
1470:GOSUB 850:X=0:Y=0
1040 POKE V,24:POKE V+1,73
1050 GOSUB 1790
1060 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
1070 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXMULTIC."
1080 FORT=0T02:POKE 55296+26
3+40*T,PEEK(53282+T)AND15:NE
XT:GOTO 1120
1090 GOSUB1010:0=VAL(Q$)
1100 IF Q<0 OR Q>255 OR LEN(Q
$)>3THEN 1090
1110 GOSUB 1370
1120 GET A$
1130 IF A$="S" THEN 2310
1140 QJ=15-(PEEK(JT)AND15)
1150 IFQJ=0AND((PEEK(JT)AND
16)=16)ANDR$=""THEN GOSUB 20
60:GOTO 1120
1160 IF A$="*" THEN 2910
1170 IF A$="A"THEN GOSUB 148
0
1180 IF A$=" "OR((PEEK(JT)AN
D16)=0)THEN GOSUB1800
1190 IF A$="X"THEN GOSUB 178
0
1200 IF A$="■"THEN POKE 2040
,13:GOSUB850:CY=0:GOTO160
1210 IF A$="B"THEN GOSUB 155
0
1220 IF A$="C"THEN GOSUB 162
0
1230 IF A$="J"THEN GOSUB 720
1240 IF A$="Q"THEN GOSUB 850
1250 IF A$=CHR$(13) THEN GOS
UB 1000:GOTO 1090
1260 IF A$="F"THEN GOSUB 200
0
1270 IF A$="M"THEN GOSUB 700
1280 IF A$="D" THEN 2750
1290 IF A$="L"THEN2690
1300 IF A$="E" THEN 3110
1310 IF A$="■" OR QJ=4THEN G
OSUB 2160
1320 IF A$="■" OR QJ=8THEN G
OSUB 2110
1330 IF A$="J"ORQJ=1THEN GOS
UB 2210
1340 IF A$="■"ORQJ=2THEN GOS
UB 2260
1350 IF A$="Q" THEN 2960
1360 GOTO 1120
1370 FORT=0T07:FORA=0T07STEP
2:CO=0
1380 Z=PEEK(14336+(8*0)+T)
1390 IF ZAND21(7-A)THEN C=CO
R2
1400 IF ZAND21(6-A)THEN C=CO
R1
1410 IF C THEN GOSUB1430
1420 NEXT A,T:RETURN
1430 POKE 1025+(T+3)*40+A,20
4:POKE 1026+(T+3)*40+A,250
1440 POKE 55297+(T+3)*40+A,P
EEK(53281+C)AND15
1450 POKE 55298+(T+3)*40+A,P
EEK(53281+C)AND15
1460 RETURN
1470 SYS 12288:RETURN
1480 C1=PEEK(53282)AND15
1490 C1=C1+1:IF C1=16THEN C1
=0
1500 POKE 55296+263,C1:POKE
53282,C1:GOSUB1790
1510 GETB$:IF B$="" THEN 151
0
1520 IF B$=CHR$(13) THEN GOS
UB 1370:RETURN
1530 IF B$="A"THEN 1480
1540 GOTO 1510
1550 C2=PEEK(53283)AND15
1560 C2=C2+1:IF C2=16THEN C2
=0
1570 POKE 55296+303,C2:POKE
53283,C2:GOSUB1790
1580 GETB$:IFB$="" THEN 1580
1590 IF B$=CHR$(13) THEN GOS
UB 1370:RETURN
1600 IF B$="B"THEN 1550
1610 GOTO 1580
1620 C3=PEEK(53284)AND15
1630 C3=C3+1:IFC3=16THENC3=0
1640 POKE 55296+343,C3:POKE
53284,C3:GOSUB1790
1650 GET B$:IFB$="" THEN 165
0
1660 IF B$=CHR$(13) THEN GOS
UB 1370:RETURN
1670 IF B$="C" THEN 1620
1680 GOTO 1620
1690 CX=CX+1:IF CX=16 THEN C
X=0
1700 POKE 55296+223,CX

```

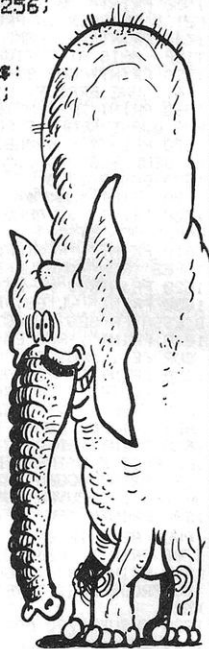
DEULIGNE

Cataloguer ses disquettes sans effacer le basic, ça peut être utile, non ?

```

1 Z$=CHR$(0):OPEN1,8,0
,"$":K=25:GET#1,A$,A$:
FORI=0T09:GET#1,A$,A$,
A$,B$:I=ST
2 PRINTASC(A$+Z$)+ASC(
B$+Z$)*256;
:FORJ=
0TOK:
GET#1,A$:
PRINTA$;
:NEXT
:K=27:
PRINT:
I=ST:
NEXT:
CLOSE1

```



```

1710 GET B$:IFB$="" THEN 171
0
1720 IF B$=CHR$(13) THEN GOS
UB 1750:RETURN
1730 IF B$="X" THEN 1690
1740 GOTO 1710
1750 FORT=0T07:FORA=0T07
1760 POKE 55297+(T+3)*40+A,C
X
1770 NEXT A,T:RETURN
1780 CX=CX+1:IF CX=4 THEN CX
=1
1790 POKE 55296+223,PEEK(532
81+CX):RETURN
1800 IF M=2 THEN 1860
1810 FORT=1T02:POKE 55296+(Y
+3)*40+X+T,PEEK(53281+CX):NE
XT
1820 POKE 1025+(Y+3)*40+X,20
4:POKE 1026+(Y+3)*40+X,250:G

```

```

OSUB 1870
1830 IF CX AND 2 THEN POKE 1
4336+8*Q+Y,PEEK(14336+8*Q+Y)
OR2*(7-X)
1840 IF CX AND 1 THEN POKE 1
4336+8*Q+Y,PEEK(14336+8*Q+Y)
OR2*(6-X)
1850 RETURN
1860 FORT=1T02:POKE 1024+T+(
Y+3)*40+X,32:NEXT
1870 POKE 14336+8*Q+Y,PEEK(1
4336+8*Q+Y)AND NOT 2*(7-X)
1880 POKE 14336+8*Q+Y,PEEK(1
4336+8*Q+Y)AND NOT 2*(6-X)
1890 RETURN
1900 FORT=0T062:POKE 960+T,2
55:NEXT
1910 FORT=2041T02044:POKET,1
5:NEXT
1920 POKE V+21,PEEK(V+21)OR3
0
1930 FORT=V+40T0V+43:POKE T,
0:NEXT
1940 POKE V+29,PEEK(V+29)OR3
0:POKE V+27,30
1950 POKE V+23,PEEK(V+23)OR3
0
1960 POKE V+2,32:POKE V+3,74
:POKE V+4,32:POKE V+5,96
1970 POKE V+6,48:POKE V+7,96
1980 POKE V+8,48:POKE V+9,74
1990 RETURN
2000 CY=CY+1:IF CY=16 THEN C
Y=0
2010 POKE 55296+388,CY
2020 FORT=1T04:POKE V+39+T,C
Y:NEXT
2030 IF CY=13 THEN POKE V+39
,2
2040 IF CY>13 THEN POKE V+3
9,13
2050 RETURN

```

```

2170 SYS 12413
2180 IF M=4 THEN GOSUB 1810
2190 IF M=3 THEN GOSUB 1860
2200 RETURN
2210 Y=Y-1:IF Y=-1THENY=0:GOT
02230
2220 SYS12392
2230 IF M=4THEN GOSUB 1810
2240 IF M=3THEN GOSUB 1860
2250 RETURN
2260 Y=Y+1:IF Y=8THENY=7:GOTO
2280
2280 SYS 12378
2290 IFM=4 THEN GOSUB 1810
2290 IFM=3 THEN GOSUB 1860
2300 RETURN
2310 POKE EC,MN:POKE 53280,6
:POKE 53281,1:B$="" :POKE V+2
1,0
2320 PRINT"TABLE"TAB(13)"
2330 PRINTTAB(13)
2340 PRINT"PARTIEL
LE DU TABLE (V) ?"
2350 GET A$:IF A$="" THEN 23
50
2360 IF A$="P"THEN2570
2370 IF A$<"T" THEN 2350
2380 PRINT "AUGEVEGARDE
E TABLE"
2390 PRINT "OM DE CE
S CARACTERES ?"
2400 GOSUB2410:GOSUB2860:GOS
UB3610:GOTO2470
2410 GOSUB2560
2420 GETA$:IF A$="" THEN 242
0
2430 IF(A$=CHR$(13)ANDB$<"")
:OR LEN(B$)=16THEN RETURN
2440 IFASC(A$)=20THEN GOSUB2
560:GOTO 2420

```

```

2540
2550 RUN
2560 PRINTCHR$(13)"
.....";B
$="":RETURN
2570 PRINT "AUGEVEGARDE
PARTIELLE"
2580 INPUT "ARACTERE
IAS ";A$:A=VAL(A$)
2590 IF LEN(A$)>30RACORAC=2
54 THEN GOSUB 2680:GOTO 2580
2600 INPUT "ARACTERE
IAUT ";C$:C=VAL(C$)
2610 IF LEN(C$)>30RAC=2550R<
=A THEN GOSUB 2680:GOTO 2600
2620 PRINT "OM DES
CARACTERES ?"
2630 GOSUB2410:GOSUB2860:GOS
UB3610:OPEN1,8,3,B$+",PRG,W"
2640 Q=14336+8*Q:Y=INT(Q/256
):X=0-(Y*256)
2650 PRINT#1,CHR$(X);CHR$(Y)
2660 FORT=0T014336+8*Q:PRINT
#1,CHR$(PEEK(T)):NEXT
2670 GOTO 2500
2680 PRINT"
RETURN
2690 POKE EC,MN:POKE 53280,6
:POKE 53281,1:B$="" :POKE V+2
1,0
2700 PRINT"TABLE"TAB(13)"
2710 PRINTTAB(13)
2720 PRINT "OM DES CA
RACTERES A CHARGER ?":GOSUB2
410:GOSUB 2860:GOSUB3520
2730 PRINT"POKE EC,GR:FOR
T=0T0255:POKE 1024+T,T:NEXT
2740 LOAD B$,8,1

```



```

2060 IF TP<TI THEN TP=TI+10:
POKE V+39,CS(CY):RETURN
2070 IF CY=13ORCY=5THEN POKE
V+39,2:RETURN
2080 POKE V+39,5:RETURN
2090 DIM CS(15):FORT=0T015:R
EADCS(T):NEXT:RETURN
2100 DATA 1,2,6,4,0,0,9,15,0
,4,4,12,2,3,7,3
2110 X=X+2:IFX=8THEN X=6:GOT
0 2130
2120 SYS 12406
2130 IF M=4 THEN GOSUB 1810
2140 IF M=3 THEN GOSUB 1860
2150 RETURN
2160 X=X-2:IFX=-2THENX=0:GOT
0 2180

```

```

2450 IF ASC(A$)<32 OR ASC (A
$)>90 OR ASC(A$)=34THEN 2420
2460 PRINTA$:B$=B$+A$:GOTO
2420
2470 OPEN 1,8,4,B$+",PRG,W"
2480 PRINT#1,CHR$(0);CHR$(56
);
2490 FORT=0T02048:PRINT#1,CH
R$(PEEK(14336+T)):NEXT
2500 CLOSE1,8,4,B$+",PRG,W"
2510 PRINT"
2520 PRINT "
2530 PRINT "
2540 GET A$:IF A$<" " THEN

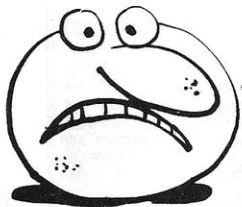
```

```

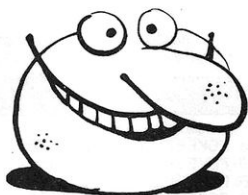
2750 PRINT"POKE 53281,1:
POKE 53280,6:POKE EC,MN:POKE
V+21,0
2760 PRINTTAB(13)"
2770 PRINTTAB(13)
2780 PRINT "OM DU FIC
HIER A EFFACER ?"
2790 GOSUB 2410:GOSUB2860
2800 OPEN 1,8,15,"S:"+B$:CLO
SE 1,8,15
2810 PRINT"FFACEMENT
EFFECTUE..."

```


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LORRY DRIVER

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Eric PIOT

Mode d'emploi :

Tapez et sauvegardez le listing 1, puis faites :

POKE 44,56 : POKE 14336,0 : NEW

Tapez et sauvegardez à sa suite le second listing. Le lancement du premier programme, charge et lance automatiquement le programme principal. Branchez votre joystick dans le port 1. Ce jeu comporte deux tableaux :

1 - Vous devez recueillir des ogives nucléaires à l'aide d'un camion, tout échec entraînant la perte d'une vie. Obligation de rattraper 10 ogives au premier niveau, auxquelles viendront s'ajouter 5 ogives à chaque niveau franchi.

2 - Vous devez aux commandes d'un véhicule lunaire armé de missiles, évoluer en territoire hostile en éliminant autant que possible tout ce qui gêne votre progression. Nécessité de parcourir 10 kilomètres au premier niveau, plus 5 au niveau suivant, etc... Tirez comme il se doit par le bouton de tir, sautez par "haut" et accélérez par "gauche" (dans ce cas, votre score augmente de 5 en 5).

Au niveau supérieur, la rapidité d'exécution de chaque tableau est accrue.

...listing 1...

```
60 POKE53280,0:POKE53281,0:P
RINT"HI"
70 PRINT"*****POKE44,56:POKE
14336,0:NEW"
80 PRINT"LOAD"CHR$(34)+"LO
RRY DRIVER"CHR$(34)
90 PRINT"*****RUN"
100 POKE198,3:POKE631,13:POK
E632,13:POKE633,13:END
```

...listing 2...

```
10 REM *****
20 REM * LORRY DRIVER *
30 REM * SUR CBM 64 *
40 REM * ERIC PIOT *
50 REM * CREST *
60 REM *****
70 Q0UB190:G0T01230
80 SYS49179:ON1+PEEK(693)G0T
080,1230,360,700,920,1020
100 REM *****
120 REM * INITIALISATION *
130 REM * CARACTERES *
140 REM * LUTINS *
150 REM * L.M. *
170 REM *****
190 POKE53280,0:POKE53281,0:
PRINT"J"TAB(11)"UN INSTANT
S.V.P."
200 POKE56334,PEEK(56334)AND
254:POKE1,PEEK(1)AND251
210 FORI=0T02047:POKE12288+I
,PEEK(53248+I):NEXT
220 POKE1,PEEK(1)OR4:POKE563
34,PEEK(56334)OR1
230 FORI=27T030:FORJ=0T07:RE
ADQ:POKE12288+J+I*8,0:NEXTJ,
I
240 FORI=162T0185:FORJ=0T07:
READQ:POKE12288+J+I*8,0:NEXT
J,I
250 FORI=0T025:FORJ=0T062:RE
ADQ:POKE2048+J+I*64,0:NEXTJ,
I
260 Z=0:FORI=0T02583:READQ:P
OKE49179+I,0:Z=Z+Q:NEXT
270 IFZ<>300391THENPRINT"JE
RREUR DANS LES DATAS L.M." :S
TOP
280 RETURN
300 REM *****
320 REM * 1ER TABLEAU *
340 REM *****
360 POKE53269,0:POKE53281,0:
POKE53280,5
370 POKE53272,28:POKE53264,0
380 PRINT"HI":Z=43:FORI=4T0
155STEP3:Z=Z-8:K=1023+I*40-Z:
POKEK,29:POKE54272+K,15
```

```
390 FORJ=2T01STEP-1:POKE1024
+I*40-J,27:POKE55296+I*40-J,
15:NEXTJ,I
400 FORI=1024T01863:POKEI,10
0:POKE54272+I,15:NEXT
410 Z=-3:FORI=8T039STEP8:Z=Z
+3:FORJ=4+ZT020:POKE1024+I+J
*40,28
420 POKE55296+I+J*40,15:NEXT
J,I
430 FORI=0T020:FORJ=1024T010
25:POKEJ+I*40+38,160:POKEJ+5
4272+I*40+38,15
440 NEXTJ,I
450 SYS 51425
460 POKE2040,32:POKE2041,33:
POKE53287,6:POKE53288,7
470 POKE53248,161:POKE53249,
176
480 POKE53250,161:POKE53251,
176
490 POKE53277,3:POKE53271,3:
POKE53269,3
500 FORI=3T036:POKE1024+3*40
-I,30:POKE55296+3*40-I,7:NEX
```

```
540 POKE679,0:POKE680,3
550 POKE681,205:POKE682,11
560 POKE683,155:POKE684,19
570 POKE685,105:POKE686,27
580 FORI=2042T02045:POKEI,34
:POKEI+51247,7:NEXT
590 POKE693,0:POKE760,1:POKE
49890,3
600 FORI=687T0690:POKEI,0:NE
XT
610 POKE712,0:POKE713,0:POKE
719,0
620 POKE198,0:WAIT198,1:G0T0
80
630 REM *****
650 REM *
660 REM * 2ND TABLEAU *
670 REM *
680 REM *****
690 REM *****
700 POKE53269,3:FORI=0T01000
:NEXT:POKE53269,0
710 PRINT"J":FORI=1704T01863
:POKEI,160:POKEI+54272,8:NEX
```



```
T
510 FORI=3T028:POKE1024+6*40
-I,30:POKE55296+6*40-I,7:NEX
T
520 FORI=3T020:POKE1024+9*40
-I,30:POKE55296+9*40-I,7:NEX
T
530 FORI=3T012:POKE1024+12*4
0-I,30:POKE55296+12*40-I,7:N
EXT
```

```
T
720 SYS51286
730 POKE53249,144:POKE53251,9
144:POKE53248,90:POKE53250,9
0
740 POKE2040,35:POKE2041,36
750 POKE2042,37:POKE53252,10
```

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0:POKE53253,184:POKE53289,0
760 POKE53258,100:POKE53259,
0
770 POKE53277,135:POKE53271,
131:POKE53264,36
780 POKE760,2:POKE712,0:POKE
713,0:POKE693,0:POKE740,0:PO
KE750,0:POKE751,0
790 POKE752,0:POKE753,0:POKE
754,0:POKE755,0:POKE756,0:PO
KE757,0:POKE719,0
800 POKE745,0:POKE746,0:POKE
730,0:POKE731,0
810 POKE53276,128:POKE53285,
7:POKE53294,6:POKE2047,49
820 POKE49890,5:POKE53269,7
830 FORI=0T010:A=PEEK(53278)
: NEXT
840 POKE198,0:WAIT198,1:GOTO
80
850 REM
860 REM *****
870 REM * * *
880 REM * PAUSE *
890 REM * *
900 REM *****
910 REM
920 FORI=0T02000:NEXT:POKE53
269,PEEK(53269)AND127:POKE53
269,PEEK(53269)OR3
930 POKE693,0:FORI=0T010:A=P
EEK(53278):NEXT
940 GOTO80
950 REM
960 REM *****
970 REM * * *
980 REM * CHGT NIVEAU *
990 REM * *
1000 REM *****
1010 REM
1020 FORI=0T02000:NEXT
1030 B=PEEK(766):A=PEEK(767)
:A=A+1:IFA=10THENA=0:B=B+1
1040 POKE766,B:POKE767,A
1050 A=PEEK(49206):IFA>10THE
NA=A-5
1060 IFA>2THENA=A-1
1070 POKE49206,A
1080 A=PEEK(49794)*10+PEEK(4
9801):IFA<95THENA=A+5
1090 B=INT(A/10):C=A-10*B:PO
KE49794,B:POKE49801,C
1100 P=P+.25:IFP>2THENP=2
1110 POKE49910,3+P
1120 POKE49987,2+P
1130 POKE50028,3+P
1140 POKE51192,2+P/2
1150 POKE53269,0:GOTO360
1160 REM
1170 REM *****
1180 REM * * *
1190 REM * ENTETE *
1200 REM * *
1210 REM *****
1220 REM
1230 NI=PEEK(766)*10+PEEK(76
7):SC=NI*10↑(NI+1)
1240 FORI=0T05:SC=SC+PEEK(70
0+I)*10↑(5-I):NEXT
1250 SC$=STR$(SC):L=LEN(SC$)
-1:SC$=RIGHT$(SC$,L)
1260 IFSC>HITHENHI=SC:HI$=SC
$
1270 PRINT"J":POKE53290,0:SY
551626
1280 POKE214,15:PRINT:PRINTT
AR(12)"HI-Score=";HI$
1290 POKE214,17:PRINT:PRINTT
AR(15)"Score=";SC$

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1300 POKE214,20:PRINT:PRINTT
AR(12)"? POUR REJOUER"
1310 GETA$:IFA$="N"THENP=0:S
C=0:SYS1571:GOTO340
1320 A=56+RND(1)*2:POKE2047,
A
1330 FORI=0T050:NEXT:GOTO131
0
1340 REM
1350 REM *****
1360 REM * * *
1370 REM * CARACTERES *
1380 REM * *
1390 REM *****
1400 REM
1410 DATA255,198,108,56,56,1
08,198,255
1420 DATA129,195,231,189,189
,231,195,129
1430 DATA15,24,48,103,103,48
,24,15
1440 REM
1450 DATA24,60,60,60,60,60,1
26,102
1460 DATA131,187,187,129,189
,189,189,129
1470 DATA157,157,137,149,157
,157,157,157
1480 DATA157,157,141,133,145
,153,157,157
1490 DATA189,189,189,153,219
,219,195,231
1500 DATA195,129,189,189,129
,189,189,189
1510 DATA157,157,157,157,157
,157,129,129
1520 DATA129,159,159,159,135
,159,159,159
1530 DATA157,155,151,143,143
,151,155,157
1540 DATA189,189,153,219,195
,231,231,231
1550 DATA129,157,157,157,129
,159,159,159
1560 DATA129,231,231,231,231
,231,231,231
1570 DATA129,159,159,131,159
,159,159,129
1580 DATA129,157,157,157,129
,155,157,157
1590 DATA129,157,159,159,159
,159,157,129
1600 DATA129,185,185,185,185
,185,185,129
1610 DATA231,231,231,231,231
,231,231,231
1620 DATA129,249,249,129,159
,159,159,129
1630 DATA129,249,249,225,249
,249,249,129
1640 DATA191,191,183,183
,129,247,247
1650 DATA129,159,159,129,249
,249,249,129
1660 DATA191,191,191,129
,189,189,129
1670 DATA129,249,249,249,249
,249,249,249
1680 DATA129,189,189,129,189
,189,189,129
1690 DATA129,189,189,129,249
,249,249,249
1700 REM
1710 REM *****
1720 REM * * *
1730 REM * SPRITES *
1740 REM * *
1750 REM *****
1760 REM

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```

1770 REM
1780 REM *****
1790 REM * CAMION *
1800 REM *****
1810 REM
1820 DATA0,0,0,0,0,0,0,0,1
5,240,0,1,240,0,0,112,0,0,0
,0,0,0,0,31,255,0,31
1830 DATA255,0,15,255,0,7,25
4,0,3,254,0,1,252,0,0,0,15,1
28,248,31,193,254
1840 DATA112,99,6,0,0,0,0,0,
0,0,0,0
1850 DATA0,0,0,0,0,0,0,0,0
,0,0,6,0,0,7,128,0,12,224,0,
60,224,0,120,224,0,120
1860 DATA224,0
1870 DATA127,240,0,111,248,0
,111,252,0,127,254,0,63,255,
255,48,127,7,32,62,0
1880 DATA15,128,252,29,193,2
20,15,128,248,7,0,112
1890 REM

```



```

1900 REM *****
1910 REM * BOMBE *
1920 REM *****
1930 REM
1940 DATA0,102,0,0,126,0,0,6
0,0,60,60,0,60,0,0,60,0,6
0,0,0,24,0,0,0,0,0,0
1950 DATA0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0
1960 REM
1970 REM *****
1980 REM * CAMION *
1990 REM *****
2000 REM
2010 DATA0,0,0,0,0,0,0,0,0
,15,240,0,15,128,0,14,0,0,0
,0,0,0,0
2020 DATA255,248,0,255,248,0
,255,240,0,127,224,0,127,192
,0,63,128,0,0,0,0
2030 DATA31,1,240,127,131,24
8,96,230,14,0,0,0,0,0,0,0,0
,0
2040 DATA0,0,0,0,0,0,0,0,0
,0,0,0,0,96,0,1,224,0,7,48,0
,7,60,0,7,30,0,7,30
2050 DATA0,15,254,0,31,246,0
,63,246,0,127,254,255,255,25
2,224,254,12,0,124,4
2060 DATA31,1,240,59,131,184
,31,1,240,14,0,224
2070 REM
2080 REM *****
2090 REM * TROU 1 *
2100 REM *****
2110 REM

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LORRY DRIVER

2120 DATA127,255,254,255,255
 ,255,255,255,255,255,255,255
 2130 DATA127,255,254,63,255,
 252,63,255,248,31,255,248,15
 ,255,240,15,255,240
 2140 DATA15,255,224,7,255,12
 8,3,255,0,1,254,0,0,126,0,0,
 60,0
 2150 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 2160 REM
 2170 REM *****
 2180 REM * TROU 2 *
 2190 REM *****
 2200 REM
 2210 DATA127,255,254,255,255
 ,255,255,255,255,255,255,255
 2220 DATA127,255,254,63,255,
 252,31,255,252,31,255,252,7,
 255,248,7,255,240
 2230 DATA3,255,224,1,255,192
 ,0,231,0
 2240 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 2250 REM
 2260 REM *****
 2270 REM * BOMBE *
 2280 REM *****
 2290 REM
 2300 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,128,0,0
 2310 DATA192,0,0,255,192,0,2
 55,240,0,255,192,0,192,0,0
 2320 DATA128,0,0,0,0,0,0,0,
 0,0,0,0,0,0
 2330 REM
 2340 REM *****
 2350 REM * BOMBE *
 2360 REM *****
 2370 REM
 2380 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0
 2390 DATA0,16,0,0,16,0,0,56,
 0,0,56,0,0,56,0,0,56,0,0,56,
 0,0,56,0,0,56,0
 2400 DATA0,124,0,0,254,0
 2410 REM
 2420 REM *****
 2430 REM * OVNI 233 *
 2440 REM *****
 2450 REM
 2460 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0
 2470 DATA0,60,0,0,126,0,0,19
 5,0,1,129,128,3,0,192,6,0,96
 ,28,0,56
 2480 DATA127,255,254,255,255
 ,255,127,255,254,63,255,252,
 31,255,248
 2490 DATA15,195,240,7,129,22
 4
 2500 REM
 2510 REM *****
 2520 REM * MINE *
 2530 REM *****
 2540 REM
 2550 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0
 2560 DATA0,24,0,0,126,0,0,25
 5,0,0,255,0,1,255,128,1,255,
 128,0,255,0,0,255,0
 2570 DATA0,126,0,0,24,0
 2580 REM
 2590 REM *****
 2600 REM * BOSSE *
 2610 REM *****

2620 REM
 2630 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0
 2640 DATA0,0,0,0,0,0,0,0,0,
 ,24,0,0,254,0,7,255,192,15,2
 55,224,63,255,240
 2650 DATA63,255,252,127,255,
 254
 2660 REM
 2670 REM *****
 2680 REM * MINES *
 2690 REM *****
 2700 REM
 2710 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,0,0,0
 2720 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,0,0,0
 2730 DATA64,0,2,224,0,7,224,
 0,7
 2740 REM
 2750 REM *****
 2760 REM * TANK *
 2770 REM *****
 2780 REM
 2790 DATA0,0,0,0,0,0,0,0,0,
 ,31,0,0,63,0,0,123,128,0,115
 ,128,255,243,128
 2800 DATA255,243,128,0,127,1
 28,0,127,0,0,63,0,0,30,0,12,
 28,40,63,28,252
 2810 DATA63,60,252,115,255,2
 06,115,255,206,63,0,252,63,0
 ,252,12,0,48
 2820 REM
 2830 REM *****
 2840 REM * SOUCOUPE *
 2850 REM *****
 2860 REM
 2870 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0
 2880 DATA0,60,0,0,255,0,3,25
 5,192,31,231,248,255,195,255
 ,127,231,254
 2890 DATA31,255,248,15,255,2
 40,3,255,192,1,255,128,0,126
 ,0
 2900 REM
 2910 REM *****
 2920 REM * BASE *
 2930 REM *****
 2940 REM
 2950 DATA0,255,0,7,255,224,1
 5,255,240,31,255,248,63,255,
 252,127,255,254
 2960 DATA255,195,255,255,129
 ,255,255,189,255,255,189,255,
 255,189,255
 2970 DATA255,189,255,255,189
 ,255,255,189,255,127,129,254
 ,31,255,248
 2980 DATA7,255,224,3,255,192
 ,6,24,96,12,24,48,24,24,24
 2990 REM
 3000 REM *****
 3010 REM * BOSSE 2 *
 3020 REM *****
 3030 REM
 3040 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 3050 DATA0,16,0,0,56,0,0,124
 ,0,0,126,0,0,255,0,1,255,128
 ,1,255,224
 3060 DATA3,255,224,7,255,240
 ,31,255,240,63,255,248,127,2
 55,252,127,255,254

3070 DATA255,255,255
 3080 REM
 3090 REM *****
 3100 REM * EXPLOSION *
 3110 REM *****
 3120 REM
 3130 DATA4,66,0,1,0,128,16,4
 0,32,4,130,10,0,16,64,17,4,1
 8,68,65,64
 3140 DATA16,4,4,1,33,33,160,
 8,72,4,64,2,81,24,144,0,60,4
 ,36,136,80
 3150 DATAS,33,2,0,8,36,34,64
 ,128,8,2,16,2,144,132,8,4,32
 ,2,32,0
 3160 REM
 3170 REM *****
 3180 REM * LETTRES *
 3190 REM *****
 3200 REM
 3210 DATA7,0,0,15,0,0,15,0,0
 ,14,0,0,30,0,0,30,0,0,30,0,0
 ,28,0,0,60,0,0,60,0,0
 3220 DATA60,6,0,56,0,0,120,0
 ,0,120,0,0,120,0,0,112,0,0,2
 40,0,0
 3230 DATA255,254,0,255,252,0
 ,255,248,0,56,0
 3240 DATA7,255,192,15,255,12
 8,15,255,128,14,7,128,30,15,
 0,30,15,0,30,15,0
 3250 DATA28,15,0,60,30,0,60,
 30,0,60,30,0,56,30,0,120,60,
 0,120,60,0,120,60,0
 3260 DATA112,60,0,240,120,0,
 255,240,0,255,240,0,255,240,
 0,0,0,0
 3270 DATA7,255,192,15,255,12
 8,15,255,128,14,7,128,30,15,
 0,30,15,0,30,15,0
 3280 DATA28,15,0,63,254,0,63
 ,254,0,63,254,0,56,28,0,120,
 28,0,120,28,0
 3290 DATA120,30,0,112,14,0,2
 40,14,0,240,14,0,240,15,0,22
 4,7,0,0,0
 3300 DATA240,3,192,112,3,128
 ,120,7,128,56,7,128,60,7,0,2
 8,15,0,28,14,0
 3310 DATA30,14,0,14,30,0,15,
 60,0,7,60,0,7,56,0,7,248,0,3
 ,248,0,3,240,0
 3320 DATA3,240,0,3,240,0,1,2
 40,0,1,224,0,3,224,0,0,0,0
 3330 DATA30,0,0,0,0,0,0,0,0,
 0,0,0,0,0,0,0,0,0,0,0,0,0,
 0,24,0,0,8,0,0,12,0,12



3340 DATA4,0,0,4,0,0,52,36,1
6,108,46,16,70,58,48,66,98,3
3,96,70,113
3350 DATA46,204,211,59,143,1
58,0,0,0
3360 DATA0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0
3370 DATA0,0,0,0,0,1,28,36
,113,118,46,209,210,58,19,28
,98,18,16,70
3380 DATA22,16,196,28,31,135
,0,0,0
3390 REM
3400 REM *****
3410 REM * BONHOMME *
3420 REM *****
3430 REM
3440 DATA0,0,0,0,0,0,126,0
,1,255,128,3,255,192,7,255,2
24,7,60,224,15,255,240
3450 DATA15,231,240,15,231,2
40,7,231,224,7,195,224,15,25
5,240,30,60,120
3460 DATA31,0,248,31,129,240
,15,231,240,7,255,224,3,255,
192,1,231,128,0,255,0
3470 DATA0,0,0,0,0,0,126,0
,1,255,128,3,255,192,7,255,2
24,7,60,224,15,255,240
3480 DATA15,231,240,15,231,2
40,7,231,224,7,195,224,15,25
5,240,31,255,248
3490 DATA31,255,248,31,129,2
40,15,231,240,7,255,224,3,25
5,192,1,231,128,0,255,0
3500 REM
3510 REM *****
3520 REM * *
3530 REM * LANGAGE MACHINE *
3540 REM * *
3550 REM *****
3560 REM
3570 DATA173,248,2,201,1,208
,3,76,231,194,201,2,208,3,76
,146,195,76,231,194
3580 REM
3590 REM *****
*
3600 REM *
*
3610 REM * CHUTE DE BOMBES
*
3620 REM *
*
3630 REM *****
*
3640 REM
3650 REM
3660 REM *****

3670 REM * DEPL. BOMBES 491
99 *
3680 REM *****

3690 REM
3700 DATA238,167,2,173,167,2

,201,30,240,1,96,174,168,2,2
24,37,240,20
3710 DATA169,30,157,80,4,169
,32,157,81,4,169,0,141,167,2
,232,142,168,2,96
3720 DATA169,3,141,168,2,169
,30,141,117,4,169,220,141,16
7,2,169,1,141,175,2,96
3730 REM
3740 REM *****
3750 REM * 49258 *
3760 REM *****
3770 REM
3780 DATA167,169,171,173
3790 DATA168,170,172,174
3800 DATA3,11,19,27
3810 DATA80,200,64,184
3820 DATA81,201,65,185
3830 DATA4,4,5,5
3840 DATA175,176,177,178
3850 DATA117,237,101,221
3860 REM
3870 REM *****
3880 REM * 49290 *
3890 REM *****
3900 REM
3910 DATA160,0,185,106,192,1
41,48,192,141,51,192,141,98,
192,141,78,192
3920 DATA185,110,192
3930 DATA141,59,192,141,82,1
92,141,88,192,185,114,192,14
1,86,192,185,118,192
3940 DATA141,68,192,185,122,
192,141,73,192,185,126,192,1
41,69,192,141,74,192
3950 DATA141,94,192,185,130,
192,141,103,192,185,134,192,
141,93,192
3960 DATA32,47,192,200,192,4
,208,1,96,76,140,192
3970 REM
3980 REM *****
3990 REM * 49373 *
4000 REM *****
4010 REM
4020 DATA173,175,2,201,0,208
,1,96,201,1,240,3,76,4,193,1
69,40,141,4,208
4030 DATA169,73,141,5,208,17
3,21,208,9,4,141,21,208,169,
2,141,175,2,96
4040 DATA238,5,208,173,5,208
,201,211,240,1,96,32,24,194
4050 DATA173,21,208,41,251,1
41,21,208,169,0,141,175,2,96
4060 REM
4070 REM *****
4080 REM * 49440 *
4090 REM *****
4100 REM
4110 DATA173,176,2,201,0,208
,1,96,201,1,240,3,76,71,193,
169,104,141,6,208
4120 DATA169,97,141,7,208,17
3,21,208,9,8,141,21,208,169,
2,141,176,2,96
4130 DATA238,7,208,173,7,208
,201,211,240,1,96,32,24,194
4140 DATA173,21,208,41,247,1
41,21,208,169,0,141,176,2,96
4150 REM
4160 REM *****
4170 REM * 49507 *
4180 REM *****
4190 REM
4200 DATA173,177,2,201,0,208
,1,96,201,1,240,3,76,138,193
,169,168,141,8,208

4210 DATA169,122,141,9,208,1
73,21,208,9,16,141,21,208,16
9,2,141,177,2,96
4220 DATA238,9,208,173,9,208
,201,211,240,1,96,32,24,194
4230 DATA173,21,208,41,239,1
41,21,208,169,0,141,177,2,96
4240 REM
4250 REM *****
4260 REM * 49574 *
4270 REM *****
4280 REM
4290 DATA173,178,2,201,0,208
,1,96,201,1,240,3,76,205,193
,169,230,141,10,208
4300 DATA169,145,141,11,208,
173,21,208,9,32,141,21,208,1
69,2,141,178,2,96
4310 DATA238,11,208,173,11,2
09,201,211,240,1,96,32,24,19
4
4320 DATA173,21,208,41,223,1
41,21,208,169,0,141,178,2,96
4330 REM
4340 REM *****

4350 REM * DEPL. CAMION 4964
1 *
4360 REM *****



4370 REM
4380 DATA165,145,201,251,208
,16,206,0,208,169,32,141,248
,7,169,33,141,249,7
4390 DATA76,17,194,201,247,2
40,1,96,238,0,208,169,35,141
,248,7,169,36
4400 DATA141,249,7,173,0,208
,141,2,208,96
4410 REM
4420 REM *****
4430 REM * AFF. VIES 4968 *
4440 REM *****
4450 REM
4460 DATA173,180,2,201,0,208
,6,169,1,141,181,2,96,206,18
0,2,174,180,2,169,160
4470 DATA157,144,7,96
4480 REM
4490 REM *****

4500 REM * TEST TOUCHE? 497
13 *
4510 REM *****

4520 REM
4530 DATA173,30,208,170,41,2
52,201,0,208,1,96

LE TEMPS-
PASSE, LES
CRÉTINS
RESTENT
(NOSTRA-
DAMUS)



- LORRY DRIVER

4540 DATA138,41,4,201,4,208,
3,32,18,193,138,41,8,201,8,2
08,3,32,85,193
4550 DATA138,41,16,201,16,20
8,3,32,152,193,138,41,32,201
,32,208,3,202,219,193
4560 REM
4570 REM *****

4580 REM * INC 712 BOMBES+KM
S 49764 *
4590 REM *****

4600 REM
4610 DATA169,1,141,199,2,32,
163,194
4620 DATA238,201,2,173,201,2
,201,10,208,8,169,0,141,201,
2,238,200,2
4630 DATA173,200,2,201,1,208
,10,173,201,2,201,0,208,3,32
,225,194
4640 DATA162,0,189,200,2,24,
105,176,157,135,7,232,224,2,
240,3,76,145,194,96
4650 REM
4660 REM *****
4670 REM * SCORE 49827 *
4680 REM *****
4690 REM
4700 DATA162,5,189,194,2,201
,0,240,20,254,188,2,189,188,
2,201,10,208,10
4710 DATA169,0,157,188,2,169
,1,157,193,2,202,224,255,240
,3,76,165,194
4720 DATA162,0,189,198,2,24,
105,176,157,120,7,169,0,157,
194,2
4730 DATA232,224,6,208,1,96,
76,202,194
4740 REM
4750 REM *****

4760 REM * INIT PATROL 49889
*
4770 REM *****

4780 REM
4790 DATA169,3,141,181,2,96
4800 REM
4810 REM *****

4820 REM * PROG PRIN BOMBES
49895 *
4830 REM *****

4840 REM
4850 DATA169,0,141,179,2,32,
233,193,238,179,2,173,179,2,
201,2,240,3,76,236,194
4860 DATA32,138,192,32,221,1
92,32,32,193,32,99,193,32,16
6,193,32,49,194
4870 DATA96,0,0,96
4880 REM
4890 REM *****
4900 REM * *
4910 REM * PATROL *
4920 REM * *
4930 REM *****
4940 REM
4950 REM
4960 REM *****

4970 REM * DEPL TROU 49938
*
4980 REM *****

4990 REM
5000 DATA206,4,208,173,4,208
,201,0,240,1,96,173,16,208,4
1,4,201,4,208,14
5010 DATA169,255,141,4,208,1
73,16,208,41,251,141,16,208,
96
5020 DATA173,16,208,9,4,141,
16,208,76,38,196,234,234,234
5030 REM
5040 REM *****

5050 REM * TEST JOY 49986 *
5060 REM *****

5070 REM
5080 DATA169,2,141,170,195,1
69,3,141,208,195
5090 DATA173,145,0,170,41,1,
201,0,208,3,32,118,195,138,4
1,16,201,0,208,3
5100 DATA32,132,195,138,41,8
,201,0,240,1,96,169,3,141,17
0,195
5110 DATA169,3,141,208,195,9
6
5120 DATA173,218,2,201,0,240
,1,96,169,1,141,218,2,96:REM
SAUT
5130 DATA173,219,2,201,0,240
,1,96,169,1,141,219,2,96:REM
BOMBE
5140 REM
5150 REM *****

5160 REM * PROG PRIN PATROL
50066 *
5170 REM *****

5180 REM
5190 DATA169,0,141,220,2,32,
66,195,32,18,195,32,193,195,
32,167,196
5200 DATA238,220,2,173,220,2
,201,2,240,3,76,151,195,32,8
,196
5210 DATA32,65,196,32,65,196
,32,65,196,32,50,198,96,234
5220 REM
5230 REM *****

5240 REM * SAUT CAMION 5011
3 *
5250 REM *****

5260 REM
5270 DATA173,218,2,201,0,208
,1,96,238,228,2,173,228,2,20
1,5,240,1,96
5280 DATA169,0,141,228,2,173
,218,2,201,2,240,20,206,1,20
8,173,1,208,141,3,208
5290 DATA201,128,240,1,96,16
9,2,141,218,2,96
5300 DATA238,1,208,173,1,208
,141,3,208,201,144,240,1,96,
169,0,141,218,2,96
5310 REM
5320 REM *****

5330 REM * CAHOTS 50184 *
5340 REM *****

5350 REM
5360 DATA173,218,2,201,0,240
,1,96,173,1,208,201,145,240,
6
5370 DATA169,145,201,145,240
,2
5380 DATA169,144,141,1,208,1
41,3,208,96
5390 REM
5400 REM *****

5410 REM * INIT TROU 50214
*
5420 REM *****

5430 REM
5440 DATA173,207,2,201,2,208
,5,169,0,141,207,2,238,207,2
,24,105,37
5450 DATA141,250,7,169,128,1
41,4,208,96
5460 REM
5470 REM *****

5480 REM * TIR 50241 *
5490 REM *****

5500 REM
5510 DATA173,219,2,201,0,208
,1,96,201,2,240,62,169,39,14
1,251,7
5520 DATA173,1,208,24,105,10
,141,7,208,169,138,141,6,208
,169,1,141,42,208
5530 DATA169,107,141,8,208,1
73,1,208,56,233,18,141,9,208
,169,1,141,43,208
5540 DATA169,40,141,252,7,17
3,21,208,9,24,141,21,208,169
,2,141,219,2,96
5550 DATA206,9,208,238,6,208
,173,6,208,201,250,240,1,96,
169,0,141,219,2
5560 DATA173,21,208,41,231,1
41,21,208,96
5570 REM
5580 REM *****

5590 REM * DEPL. DIVERS 5034
3 *
5600 REM *****

5610 REM
5620 DATA206,10,208,173,10,2
08,201,0,240,1,96,173,16,208
,41,32,201,32
5630 DATA240,3,76,204,196,16
9,255,141,10,208,173,16,208,
4,223,141,16,208,96
5640 DATA173,16,208,9,32,141
,16,208,173,29,208,41,223,14
1,29,208
5650 DATA173,23,208,41,223,1
41,23,208
5660 DATA238,239,2,174,239,2
,224,42,208,5,162,0,142,239,
2
5670 DATA189,42,197,24,109,4
,208,141,10,208:REM X
5680 DATA189,84,197,141,11,2
08:REM Y
5690 DATA189,126,197,141,44,
208:REM COU
5700 DATA189,168,197,141,253
,7
5710 DATA173,21,208,9,32,141
,21,208,173,29,208,29,210,19
7,141,29,208
5720 DATA173,23,208,29,252,1
97,141,23,208,96
5730 REM
5740 REM *****

5750 REM * X,Y,COULEUR,BLOC,
EXLA,EXHA *
5760 REM *****

5770 REM
5780 DATA0,120,0,125,120,125

```

,110,0,99,0,125,99,99,125,85
,110,53,99,105
5790 DATA0,125,99,50,99,53,1
0,90,100,0,99,125,100,80,90,
99,50,120
5800 DATA0,0,0,0,0
5810 DATA0,184,0,165,184,167
,184,0,144,0,140,165,184,144
,135,167,144,165,184
5820 DATA0,165,184,144,165,1
44,140,144,167,0,184,144,165
,165,184,167,144,133
5830 DATA0,134,0,0,134
5840 DATA0,0,0,0,0,15,0,0,4,
0,3,8,0,3,7,15,0,8,0
5850 DATA0,1,0,15,8,0,4,4,15
,0,0,8,1,15,0,15,8,1
5860 DATA0,7,0,0,3
5870 DATA0,37,0,43,38,42,38,
0,47,0,46,43,38,45,46,42,48,
43,37
5880 DATA0,44,38,45,43,48,46
,47,42,0,38,48,44,45,38,42,4
8,46
5890 DATA0,46,0,0,46
5900 DATA0,32,0,32,32,0,32,0,
,32,0,32,32,32,32,0,32,32
,32
5910 DATA0,32,0,32,32,0,32,3
2,0,0,32,32,32,32,0,32,32
5920 DATA0,32,0,0,32
5930 DATA0,0,0,0,32,0,0,0,32
,0,0,0,0,32,0,0,32,0,32
5940 DATA0,0,32,32,0,32,0,32
,0,0,32,32,0,0,0,32,0
5950 DATA0,0,0,0,0
5960 REM
5970 REM *****
*
5980 REM * FIN DIVERS 50726
*
5990 REM *****
*
6000 REM
6010 DATA169,0,141,11,208,17
3,4,208,141,10,208,96
6020 REM
6030 REM *****
*
6040 REM * SCORE+KMS 50738
*
6050 REM *****
*
6060 REM
6070 DATA32,233,199,32,155,1
99,32,255,199
6080 DATA238,240,2,173,240,2
,201,155,208,23,169,0,141,24
0,2
6090 DATA238,241,2,173,241,2
,201,2,208,8,169,0,141,241,2
,32,108,194
6100 DATA238,242,2,173,242,2
,201,50,240,1,96,169,0,141,2
42,2,173,145,0,41,8
6110 DATA201,0,208,4,160,0,2
40,2,160,4,169,1,141,199
6120 DATA2,32,163,194,200,19
2,5,202,243,96,234
6130 REM
6140 REM *****
*
6150 REM * INIT OVNI 50826
*
6160 REM *****
*
6170 REM
6180 DATA173,245,2,201,1,208
,3,76,244,198,201,2,208,3,76

```

```

,33,199,201,3
6190 DATA208,3,76,74,199,238
,243,2,173,243,2,201,200
6200 DATA240,1,96,169,0,141,
243,2,238,244,2,173,244,2,20
1,1,240,1,96
6210 DATA169,0,141,244,2,169
,1,141,245,2,173,16,208,9,64
,141,16,208
6220 DATA169,41,141,254,7,16
9,7,141,45,208,169,200,141,1
2,208
6230 DATA169,45,141,13,208,1
73,29,208,9,64,141,29,208
6240 DATA173,21,208,9,64,141
,21,208,96
6250 REM
6260 REM *****
***
6270 REM * ARRIVEE OVNI 5093
2 *
6280 REM *****
***
6290 REM
6300 DATA206,12,208,173,12,2
08,201,155,240,19,201,0,240,
1,96
6310 DATA173,16,208,41,191,1
41,16,208,169,255,141,12,208
,96
6320 DATA173,16,208,41,64,20
1,64,208,1,96,169,2,141,245,
2,96
6330 REM
6340 REM *****
***
6350 REM * DEPL. G OVNI 5097
7 *
6360 REM *****
***
6370 REM
6380 DATA206,12,208,173,12,2
08,201,35,208,11,169,3,141,2
45,2,169,0,141,244,2
6390 DATA96,238,244,2,173,24
4,2,201,7,240,1,96,169,0,141
,244,2,238,13,208,96
6400 REM
6410 REM *****
***
6420 REM * DEPL. D OVNI 5101
8 *
6430 REM *****
***
6440 REM
6450 DATA238,12,208,173,12,2
08,201,145,208,11,169,2,141,
245,2,169,0,141,244,2
6460 DATA96,238,244,2,173,24
4,2,201,7,240,1,96,169,0,141
,244,2,238,13,208,96
6470 REM
6480 REM *****
6490 REM * FIN OVNI 51059 *
6500 REM *****
6510 REM
6520 DATA169,0,141,245,2,141
,244,2,141,243,2,141,13,208,
96
6530 REM
6540 REM *****
6550 REM * EXPLOSION 51074 *
6560 REM *****
6570 REM
6580 DATA141,14,208,140,15,2
08,173,21,208,9,128,141,21,2
08
6590 DATA169,1,141,233,2,169
,0,141,234,2,96

```

DEULIGNE

Un chargeur de codes machine en deulignes, c'est pas banal, ça...

```

1 Z=2-2*(J=0):A=0:FORK
=1TOZ:X=ASC(MID$(A$,K)
):X=X+7*(X>64)-48:A=A+
X*16*(Z-K):NEXT:RETURN
2 OPEN1,0:PRINT:PRINT"
">":INPUT#1,A$:IF A$<>"
*"THEN GOSUB1:I=A$:FORJ
=1TO8:INPUT#1,A$:GOSUB
1:POKEI+J-1,A:NEXT:RUN
2
10 REM * TAPER 'RUN 2'
20 REM * APRES LE '>'
TAPER L'ADRESSE
30 REM * DE SAISE (HEX
A) OU '*' POUR
40 REM * RETOUR AU BAS
IC.
50 REM * PUIS ENTREZ H
UIT OCTETS HEXA.

```



```

6600 DATA173,233,2,201,1,240
,1,96,238,234,2,173,234,2,20
1,10
6610 DATA240,1,96,173,21,208
,41,127,141,21,208,96
6620 REM
6630 REM *****
6640 REM * ACCIDENT CAMION
51127 *
6650 REM *****
6660 REM
6670 DATA169,4,141,181,2,32,
24,194,32,115,199,32,38,198,
32,59,196
6680 DATA173,21,208,41,252,1
08

```

- LORRY DRIVER

41,21,208,169,90,160,144,32,
139,199
6690 DATA173,16,208,9,100,14
1,16,208,32,153,196,32,2,196
,32,231,196,96
6700 DATA169,0,141,247,2,32,
138,198,238,247,2,173,247,2,
201,2,240,3
6710 DATA76,238,199,96
6720 REM
6730 REM *****
**
6740 REM * TESTS COLL. 51199
*
6750 REM *****
**
6760 REM
6770 DATA173,30,208,170,41,4
0,201,40,208,20,173,21,208,4
1,247
6780 DATA141,21,208,173,10,2
08,172,11,208,32,130,199,32,
38,198
6790 DATA138,41,80,201,80,20
8,20,173,21,208,41,239,141,2
1,208
6800 DATA173,12,208,172,13,2
08,32,120,199,32,115,199
6810 DATA138,41,1,201,1,208,
3,76,183,199,138,41,2,201,2,
208,3,76,183,199
6820 DATA173,30,208,173,30,2
08,173,30,208,96
6830 REM
6840 REM *****
**
6850 REM * BAS ECRAN 51286
*
6860 REM *****
**
6870 REM
6880 DATA169,0,141,33,208,16
9,5,141,32,208
6890 DATA162,0,169,160,157,7
2,7,157,152,7,189,145,200,15
7,112,7,189,185,200
6900 DATA157,192,7,232,224,4
0,240,3,76,98,200,162,0,173,
32,208,157,72,219
6910 DATA232,224,160,240,3,7
6,128,200,76,52,201
6920 DATA160,160,181,175,176
,174,173,186,176,176,176,176
,176,176,160,160,160
6930 DATA169,163,181,160,160
,186,176,176,160,160,165,177
,173,181,186,160,160
6940 DATA160,160,160,160,160
,160
6950 DATA160,160,160,171,177
,176,172,160,160,173,174,177
,175,160,160,160,164
6960 DATA177,165,173,166,167
,186,176,177,160,160,160,174
,176,175,169,170,181
6970 DATA176,168,172,160,160
,160
6980 REM
6990 REM *****
**
7000 REM * BAS ECRAN 51425
*
7010 REM *****
**
7020 REM
7030 DATA169,0,141,33,208,16
9,5,141,32,208
7040 DATA162,0,169,160,157,7
2,7,157,152,7,189,12,201,157

,112,7,189,185,200
7050 DATA157,192,7,232,224,4
0,240,3,76,237,200,76,126,20
0
7060 DATA160,160,181,175,176
,174,173,186,176,176,176,176
,176,176,160,160,162
7070 DATA176,163,162,173,181
,186,176,176,160,160,165,177
,173,181,186,160,160
7080 DATA160,160,160,160,160
,160
7090 REM
7100 REM *****
**
7110 REM * INIT INDICE 51508
*
7120 REM *****
**
7130 REM
7140 DATA162,0,169,0,157,194
,2,232,224,6,240,3,76,54,201
,32,200,194
7150 DATA173,180,2,201,0,240
,16,162,0,169,209,157,144,7,
232,236,190,2
7160 DATA240,3,76,79,201,162
,0,189,254,2,24,105,176
7170 DATA157,215,7,232,224,2

7240 DATA169,2,141,246,194,1
41,67,195,141,248,199,169,3,
141,108,195
7250 DATA169,30,141,54,192
7260 DATA162,0,169,0,157,188
,2,232,224,6,208,246,169,6,1
41,190,2,96
7270 REM
7280 REM *****
**
7290 REM * ENTETE 51626
*
7300 REM *****
**
7310 REM
7320 DATA169,50,141,248,7,16
9,51,141,249,7,169,52,141,25
0,7,141,251,7
7330 DATA169,53,141,252,7,16
9,54,141,253,7,169,55,141,25
4,7,169,56,141,255,7
7340 DATA162,0,160,63,152,15
7,0,208,24,105,48,168,169,60
,157,1,208
7350 DATA232,232,224,10,240,
3,76,212,201,169,121,141,10,
208,169,169,141,12,208
7360 DATA169,98,141,11,208,1
41,13,208,162,0,169,7,157,39

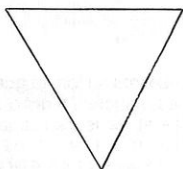
LE FARCEUR



,208,242,169,28,141,24,208,9
6
7180 REM
7190 REM *****
**
7200 REM * NIVEAU 01 51571
*
7210 REM *****
**
7220 REM
7230 DATA169,0,141,254,2,141
,137,194,169,1,141,255,2,141
,130,194

,208,232,224,8,240,3
7370 DATA76,254,201,169,229,
141,14,208,169,105,141,15,20
8,169,56,141,255,7
7380 DATA169,10,141,46,208,1
69,255,141,29,208,141,23,208
,141,21,208
7390 DATA169,0,141,28,208,14
1,16,208,96

DEULIGNE



LA BÎTE QUI PEND
FAIT LE MOU
ÂNE.

N'ayez pas peur, votre C64 n'est pas détraqué, c'est seulement l'action de ce deuligne, euh... fou...

```
1 DATA162,0,142,32,208
,142,33,208,232,224,4,
208,245,76,0,16:PRINT"
";
2 FORT=1TO16:READQ:POK
E4095+T,Q:NEXT:PRINT"
XXXXXXXXXXXXXXXXXXXX"TAB(14)"HE
BDOGICIEL":SYS4096
```



Génial : entrez des lignes basiques de la longueur que vous désirez ! Pour que cela marche, toutes les lignes qui doivent venir en complément de la première commenceront par deux points.



```
1 IFPEEK(L+4)=58THENPO
KEV,PEEK(L):POKEV+1,PE
EK(L+1):FORI=L-1TOF-N:
POKEI,PEEK(I+5):NEXT:N
=N+5:L=V
2 V=L-2191*(V=0):L=PEE
K(V)+256*PEEK(V+1)-N:I
FL>VTHENPOKEV,LAND255:
POKEV+1,L/256:PRINTTAB
(17)L:GOTO1
3 REM COMPACTEUR L
ANCER PAR CLR:F=PEEK(4
5)+256*PEEK(46)-1:GOTO
1
```

L'anti-LIST en une ligne, ça existe... Remplacez le "\$SHIFT/L" de la ligne 2 par le caractère graphique correspondant.



```
1 REM VOUS N'AUREZ PAS
MA LISTE
2 REM [SHIFT/L]
```

Tapez et lancez ce deuligne, et laissez-vous tomber à la renverse...

L'ENFER EST PAVÉ
DE BONNES PORTUGAISES



```
0 POKES3272,29:POKE563
34,0:POKE1,51:FORI=0TO
40958STEP8:FORJ=0TO7:P
OKEI-J+12295,PEEK(I+J+
53248)
1 NEXTJ,I:POKE1,55:POK
E56334,1:PRINT"DEFINIT
ION DES CARACTERES A P
ARTIR DE => 12288"
```

Connaissez-vous TOUS les messages de votre C64 et leur adresse ? Si non, voilà de quoi y remédier...

```
1 FORI=41117TO41767:P=
PEEK(I):IFP<127THENPRI
NTCHR$(P):NEXT
2 PRINTCHR$(P-128):WAI
T653,1,1:PRINTI+1:NEX
T:PRINT"#####
":
POKE198,0:END
```



Bidouillez dans la joie et la bonne humeur les messages de votre micro...

```
1 FORI=40960TO49151:PO
KEI,PEEK(I):NEXT:FORI=
41525TO41530:READA:POK
EI,A:NEXT:FORI=41849TO
41852
2 READA:POKEI,A:NEXT:P
OKE41842,69:POKE1,54:P
OKE41833,0:NEW:DATA5,7
1,65,70,70,197,65,68,7
3,83
```

RADIS.

Redonnez à la touche RUN sa véritable fonction...

```
1 POKES88,0:POKE89,192:
POKE90,0:POKE91,192:PO
KE781,33:SYS41971
2 FORF=57344TO65535:PO
KEF,PEEK(F):NEXT:POKE1
,53:POKE58863,4:POKE58
868,235
```



Déletez comme bon vous semble, ça mange pas de pain, et le mode d'emploi est inclus...



```
1 PRINT"#####":PRINT"
F=F+1":L="L":IFF<LT11
00":POKE198,2:POKE631,1
3:POKE632,13:END
2 REM TAPEZ PAR EX EN
MODE DIRECT F=100:L=1
50 ET GOTO 1
```

FLY'S REVENGE

En cette triste époque où même les insectes se font la guerre par des moyens les plus modernes, les mouches n'ont qu'un seul but : la destruction des abeilles et de leurs ruches...

Thierry LOULERGUE

Mode d'emploi :

Tapez et sauvegardez à la suite ces trois programmes. Vous pouvez charger et lancer de même, ou bien effectuer une seule sauvegarde après le chargement des trois parties par :

POKE 56,160 : POKE 52,160 : POKE 46,73 : SAVE"FLY'S REVENGE"
Les règles sont incluses.

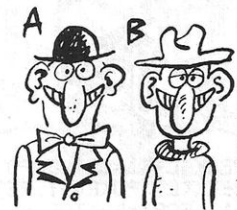
...listing 1...

```

1 DIMCH(27),N(27)
2 FOR T=1 TO 27:READ CH(T):N(T)=
150:NEXT N(15)=76:N(16)=153:
N(27)=7
3 DATA 8900,5239,336,6840,690
1,8864,1339,2376,10243,8356,
12000,5202,2832,6137
4 DATA 1323,15802,14895,17600
,19153,17033,17346,16594,176
77,16461,17222,16936,502
5 C=28767:FOR T=1 TO 15:FOR G=1 T
ON(T):READ R:C=C+1:POKE C,R:S=
S+A:NEXT I:FS<>CH(T):THEN 9
6 S=0:NEXT T:C=36999
7 FOR T=16 TO 27:FOR G=1 TO N(T):R
EAD R:C=C+1:POKE C,R:S=S+A:NEX
T:I:FS<>CH(T):THEN 9
8 S=0:NEXT T:END
9 PRINT "ERREUR BLOC":T:END
10 REM * BLOC 1 *
11 DATA 0,0,0,3,0,128,1,132,1
28,4,0,64,4,116,0
20 DATA 0,0,92,130,0,65,138
,0,136,16,88,131,66,144
30 DATA 32,0,16,4,133,64,0,1,
0,19,16,0,1,0,0
40 DATA 41,4,0,40,16,0,0,24,0
,0,0,0,0,0,0
50 DATA 0,0,0,0,0,0,0,3,1,128
,5,135,192,4,200
60 DATA 64,4,126,128,55,151,1
28,92,139,0,73,255,0,252,17
70 DATA 248,135,219,184,254,2
36,48,12,143,112,11,165,192,
19,115
80 DATA 0,1,138,0,63,230,0,44
,52,0,0,28,0,0,8
90 DATA 0,0,0,0,0,0,0,4,0,0,0
,3,1,128,7
100 DATA 135,192,7,205,192,13
,255,128,63,191,128,95,235,0
,107
105 REM * BLOC 2 *
110 DATA 255,0,255,119,248,21
5,223,184,255,253,240,13,255
,112,31
120 DATA 239,192,31,127,0,27,
250,0,63,238,0,60,60,0,0
130 DATA 28,0,0,8,0,0,0,0,0,0
,0,68,0,0,0
140 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
150 DATA 0,0,0,0,0,0,0,0,12
9,230,0,2,152,0
160 DATA 4,64,0,8,64,0,16,32,
0,16,16,0,16,0,0
170 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
180 DATA 0,0,0,0,0,0,0,16,0,0
,8,8,0,4,8
190 DATA 0,2,16,0,2,32,0,25,6
4,0,103,129,0,0,0
200 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
205 REM * BLOC 3 *
210 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
220 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
230 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
240 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
250 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
260 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
270 DATA 0,16,0,0,16,0,0,0,16
,0,16,0,0,16,0
280 DATA 0,16,0,0,16,0,16,0,0,
16,16,0,16,16,0
290 DATA 16,16,0,16,16,0,16,1
6,0,0,16,0,16,0
300 DATA 0,16,0,0,0,0,0,0,0,0,
0,0,0,0,0,0
305 REM * BLOC 4 *
310 DATA 0,0,0,128,0,0,0,0,0,12
8,128,0,8,128,0,8
320 DATA 0,8,128,0,136,128,0,
8,128,128,8,136,0,8,136
330 DATA 0,8,136,128,8,0,8,0,
136,0,8,136,0,136
340 DATA 0,0,136,0,0,128,0,0,
128,0,0,0,0,0,0
350 DATA 0,0,0,0,0,0,0,128,0,
17,0,1,147,128,0
360 DATA 2,144,2,19,0,1,17,12
8,3,146,128,3,147,128,19
370 DATA 131,0,19,147,0,19,14
6,128,19,16,0,18,146,0,17
380 DATA 145,0,3,144,0,3,144,
0,3,144,0,1,128,0,0
390 DATA 0,0,0,0,0,0,0,0,0,0,
0,128,0,17,0
400 DATA 1,147,128,0,74,208,2
,27,64,1,89,192,3,218,128
405 REM * BLOC 5 *
410 DATA 11,211,128,27,203,64
,27,219,0,27,154,128,27,88,6
4
420 DATA 26,218,64,25,217,0,3
,216,0,3,216,0,3,208,0
430 DATA 1,192,0,0,0,0,0,0,0,
0,0,0,0,0,0
440 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
450 DATA 0,0,0,0,0,0,192,63,2
51,96,127,251,176,127,254
460 DATA 0,127,228,0,63,34,0,
61,34,0,0,68,0,0,0
470 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
480 DATA 0,0,0,68,0,61,34,0,6
3,34,0,127,228,0,127,251,176,63
,251,96,16,3,0,0,0,0,0
500 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
505 REM * BLOC 6 *
510 DATA 0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
520 DATA 0,0,0,66,67,67,57,65
,83,76,54,65,83,76,53
530 DATA 65,83,76,67,65,83,76
,50,65,83,76,49,74,83,82
540 DATA 49,74,77,80,66,74,77
,80,49,82,84,83,56,83,69
550 DATA 67,56,67,76,67,56,65
,78,68,55,65,78,68,54,65
560 DATA 78,68,53,65,78,68,50
,65,78,68,51,65,78,68,50
570 DATA 65,78,68,49,65,78,68
,48,76,68,89,54,76,68,89
580 DATA 53,76,68,89,50,76,68
,89,49,76,68,89,48,76,68
590 DATA 88,55,76,68,88,65,76
,68,88,50,76,68,88,49,76
600 DATA 68,88,48,76,68,65,55

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L'UN DE CES DEUX
CRÉTINS N'A PAS LE
MÊME CHAPEAU QUE
L'AUTRE. SAVEZ-VOUS
LEQUEL ?



SOLUTION : LE B BIEN SÛR.

0,0,0,127,128
 660 DATA0,255,192,0,127,128,
 0,0,0,0,0,0,0,0,0
 670 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 680 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 690 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 700 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,1,255
 705 REM * BLOC 8 *
 710 DATA224,3,255,240,1,255,
 224,0,0,0,0,0,0,0,0
 720 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 730 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 740 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 750 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 760 DATA255,192,1,255,224,0,
 255,192,0,0,0,0,0,0,0
 770 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 780 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 790 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 800 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 805 REM * BLOC 9 *
 810 DATA0,127,128,0,127,128,
 0,30,0,0,0,0,0,0,0
 820 DATA0,0,0,0,0,68,0,61,34,
 0,63,34,0,127,228
 830 DATA0,127,254,0,127,251,
 176,63,251,96,16,3,192,63,25
 1
 840 DATA96,127,251,176,127,2
 54,0,127,228,0,63,34,0,61,34
 850 DATA0,0,68,0,0,0,0,0,0,0,
 0,0,0,0,0
 860 DATA0,0,0,0,0,0,0,0,2,32,
 0,4,75,192,4
 870 DATA79,192,2,127,224,7,2
 55,224,221,255,224,109,255,1
 92,60
 880 DATA0,128,109,255,192,22
 1,255,224,7,255,224,2,127,22
 4,4
 890 DATA79,192,4,75,192,2,32,
 0,0,0,0,0,0,0,0
 900 DATA0,0,0,0,0,0,0,0,0,0,
 0,0,2,32,0
 905 REM * BLOC 10 *
 910 DATA3,96,0,1,192,0,2,160,
 0,3,224,0,55,254,0
 920 DATA76,25,0,7,112,0,7,11
 2,0,63,126,0,79,121,0
 930 DATA15,120,0,63,126,0,31
 1,24,0,63,126,0,63,126,0
 940 DATA63,254,0,63,126,0,14
 5,6,0,0,0,0,0,0,0
 950 DATA0,14,56,0,63,126,0,6
 3,254,0,63,126,0,63,126,0
 960 DATA0,31,124,0,63,126,0,
 15,120,0,79,121,0,63,126
 970 DATA0,7,112,0,7,112,0,76
 25,0,55,254,0,3,224
 980 DATA0,2,160,0,1,192,0,3,
 96,0,2,32,0,0,0
 990 DATA0,0,0,0,0,0,0,128,0,
 49,0,1,147,128,0
 1000 DATA78,208,2,59,96,1,12
 5,192,7,250,128,15,247,128,3
 1
 1005 REM * BLOC 11 *

1010 DATA239,96,63,223,32,63
 ,190,128,63,124,64,62,254,64
 ,29
 1020 DATA253,0,3,252,0,3,248
 ,0,3,240,0,1,224,0,0
 1030 DATA0,0,0,0,0,0,0,0,1
 ,224,0,3,240,0
 1040 DATA3,248,0,3,252,0,29,
 253,0,62,254,64,63,124,64
 1050 DATA63,190,128,63,223,3
 2,31,239,96,15,247,128,7,250
 ,128
 1060 DATA1,125,192,2,59,96,0
 ,78,208,1,147,128,0,49,0
 1070 DATA0,0,128,0,0,0,0,0,0
 ,0,0,0,0,60
 1080 DATA0,0,126,0,0,254,0,1
 ,254,0,5,253,192,19,251

1290 DATA0,0,0,0,0,0,16,8,0,
 8,0,0,4,8,0
 1300 DATA2,16,0,2,32,0,25,64
 ,0,103,129,0,129,230,0
 1305 REM * BLOC 14 *
 1310 DATA2,152,0,4,64,0,8,64
 ,0,16,32,0,16,16,0
 1320 DATA16,8,0,0,0,0,0,0,0,
 0,0,0,0,0,0
 1330 DATA0,0,0,0,0,0,0,1,0,0,
 0,128,0,0,128
 1340 DATA0,112,66,0,8,68,0,4
 ,136,0,2,176,0,1,192
 1350 DATA0,3,128,0,13,64,0,1
 7,32,0,34,16,0,66,14
 1360 DATA0,1,0,0,1,0,0,0,128
 ,0,0,0,0,0,0
 1370 DATA0,0,0,0,0,0,0,0,3

DOCTEUR TUTUT SOLUTIONNE TOUT!



1090 DATA224,17,247,224,11,2
 39,224,39,223,224,55,191,192
 ,15,127
 1100 DATA128,10,255,0,29,244
 ,0,54,226,0,91,144,0,14,76
 1105 REM * BLOC 12 *
 1110 DATA0,4,96,0,8,0,0,0,0,
 0,0,0,0,0
 1120 DATA0,0,8,0,0,4,96,0,14
 ,76,0,91,144,0,54
 1130 DATA226,0,29,244,0,10,2
 55,0,15,127,128,55,191,192,3
 9
 1140 DATA223,224,11,239,224,
 17,247,224,19,251,224,5,253,
 192,1
 1150 DATA254,0,0,254,0,0,126
 ,0,0,60,0,0,0,0
 1160 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 1170 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,24,0
 1180 DATA0,24,0,0,0,0,0,0,0,
 0,0,0,0,0,0
 1190 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 1200 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 1205 REM * BLOC 13 *
 1210 DATA0,0,0,0,0,0,0,0,0,
 0,255,0,0,255
 1220 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 1230 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 1240 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 1250 DATA0,0,0,0,0,0,0,0,0,
 0,15,240,0,15
 1260 DATA240,0,15,240,0,15,2
 40,0,15,240,0,15,240,0,0
 1270 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0
 1280 DATA0,0,0,0,0,0,0,0,0,
 0,0,0,0,0

0,0,0,63,0,0
 1380 DATA63,0,0,0,0,0,127,12
 8,0,255,192,0,127,128,0
 1390 DATA0,0,1,255,224,3,255
 ,240,1,255,224,0,0,0,0
 1400 DATA255,192,1,255,224,0
 ,255,192,0,0,0,0,127,128,0
 1405 REM * BLOC 15 *
 1410 DATA127,128,0,30,0,0,0,
 0,0,0,0,0,0,0
 1420 DATA6,0,0,0,0,0,0,192,1
 92,0,0,0,0,0,0
 1430 DATA0,6,0,0,0,0,0,0,0,
 0,0,3,1,128
 1440 DATA0,0,24,0,48,0,0,0,0,
 0,0,0,6,0,192
 1450 DATA0,0,0,0,0,0,0,48,
 0,192,0,0,0,0
 5499 REM * BLOC 16 *
 5500 DATA173,6,208,74,74,168
 ,173,16,208,41,8,208,5,152,2
 4,105,64,168
 5510 DATA140,178,2,173,12,20
 8,74,74,168,173,16,208,41,64
 ,240
 5520 DATA5,152,24,105,64,168
 ,152,237,178,2,16,5,73,255,2
 4
 5530 DATA105,1,201,3,48,1,96
 ,173,7,208,74,141,178,2,173
 5540 DATA13,208,233,254,74,2
 37,178,2,16,5,73,255,24,105,
 1
 5550 DATA201,5,48,1,96,76,20
 7,72,2,96,32,51,47,76,255
 5560 DATA46,173,176,2,208,3,
 76,192,66,32,239,66,201,3,20
 8
 5570 DATA246,169,0,141,177,2
 ,96,169,1,141,176,2,96,169,0
 5580 DATA141,176,2,141,177,2
 ,141,177,2,76,61,57,238,176,
 2

- FLY'S REVENGE

5590 DATA173,177,2,96,141,0,
47,32,6,67,141,206,62,140,17
5
5599 REM * BLOC 17 *
5600 DATA2,142,160,62,96,173
,44,57,201,3,16,7,169,0,162
5610 DATA15,160,250,96,201,5
,16,7,169,0,162,20,160,200,9
6
5620 DATA201,7,16,7,169,0,16
2,25,160,200,96,201,9,16,7
5630 DATA169,0,162,30,160,15
0,96,201,11,16,7,169,1,162,2
0
5640 DATA160,200,96,201,13,1
6,7,169,1,162,25,160,150,96,
201
5650 DATA15,16,7,169,2,162,3
0,160,125,96,162,35,160,100,
76
5660 DATA153,72,173,4,220,74
,74,141,178,2,173,4,220,74,7
4
5670 DATA74,109,178,2,141,17
8,2,173,175,2,237,178,2,141,
200
5680 DATA61,76,127,59,173,10
,4,201,32,208,6,173,58,47,76
5690 DATA73,47,173,16,208,41
,1,208,243,173,0,208,74,201,
37
5699 REM * BLOC 18 *
5700 DATA48,235,201,60,16,23
1,96,173,10,4,201,32,208,6,1
73
5710 DATA248,7,76,52,72,173,
16,208,41,1,208,243,173,0,20
8
5720 DATA74,201,37,48,235,20
1,60,16,231,96,169,6,141,8,2
12
5730 DATA169,15,141,12,212,1
69,128,141,13,212,169,17,141
,11,212
5740 DATA169,15,141,24,212,1
73,235,47,96,238,182,2,173,1
82,2
5750 DATA234,41,63,141,8,212
,96,48,3,76,146,69,32,24,68
5760 DATA234,234,169,12,141
12,212,169,15,141,13,212,169
,129,141
5770 DATA11,212,96,32,238,67
,76,171,60,162,0,169,0,157,8
5780 DATA212,232,224,8,208,2
48,76,191,67,162,0,169,0,157
,8
5790 DATA212,232,224,8,208,2
48,169,20,141,8,212,96,32,68
,229
5799 REM * BLOC 19 *
5800 DATA32,202,57,32,214,68
,32,68,229,169,0,141,21,208,
169
5810 DATA21,141,24,208,169,2
7,141,17,208,162,0,169,0,157
,0
5820 DATA212,232,224,25,208,
248,96,173,21,208,9,136,141,
21,208
5830 DATA173,16,208,234,234,
141,16,208,173,8,208,141,2,2
08,141
5840 DATA4,208,141,10,208,14
1,12,208,173,16,208,9,118,14
1,16
5850 DATA208,173,21,208,9,11
8,76,235,68,162,0,32,194,71,
208

5860 DATA3,238,3,208,206,3,2
08,208,3,238,3,208,206,5,208
5870 DATA208,3,238,5,208,238
,11,208,208,3,206,11,208,238
,13
5880 DATA208,208,3,206,13,20
8,238,13,208,208,3,206,13,20
8,138
5890 DATA32,224,68,170,232,2
24,200,208,198,96,162,151,14
2,249,7
5899 REM * BLOC 20 *
5900 DATA232,142,250,7,232,1
42,252,7,232,142,253,7,232,1
42,254



5910 DATA7,76,82,68,76,97,72
,4,208,3,76,190,68,96,162
5920 DATA250,160,0,200,208,2
53,232,208,248,96,170,173,7,
208,141
5930 DATA3,208,141,5,208,141
,11,208,141,13,208,138,141,2
1,208
5940 DATA76,129,68,173,191,2
,16,5,73,255,24,105,1,201,9
5950 DATA16,3,76,12,63,32,37
,60,173,188,2,201,12,16,243
5960 DATA76,24,63,169,1,141,
183,2,173,192,2,32,204,60,14
0
5970 DATA200,2,173,187,2,32,
204,60,169,0,192,0,240,23,24
5980 DATA109,200,2,136,208,2
49,168,173,183,2,41,1,208,7,
152
5990 DATA73,255,24,105,1,168
,152,141,185,2,169,1,141,183
,2
5999 REM * BLOC 21 *
6000 DATA173,191,2,32,204,60
,140,201,2,173,186,2,32,204,
60
6010 DATA169,0,192,0,240,23,
24,109,201,2,136,208,249,168
,173
6020 DATA183,2,41,1,208,7,15
2,73,255,24,105,1,168,152,14
1
6030 DATA184,2,234,234,234,2
34,32,82,63,201,128,96,173,1
86,2
6040 DATA168,173,187,2,73,25
5,24,105,1,141,186,2,140,187
,2
6050 DATA32,32,69,48,22,173,
186,2,73,255,24,105,1,141,18
6
6060 DATA2,173,187,2,73,255,
24,105,1,141,187,2,32,51,63
6070 DATA76,238,67,76,111,70
,234,234,234,234,234,169
,6,32

6080 DATA128,70,162,156,32,1
97,69,162,161,32,197,69,162,
159,32
6090 DATA197,69,162,162,32,1
97,69,162,157,32,197,69,162,
163,32
6099 REM * BLOC 22 *
6100 DATA197,69,162,158,32,1
97,69,162,160,76,92,70,206,1
74,2
6110 DATA208,211,139,25,32,0
,0,162,30,32,107,46,162,145,
142
6120 DATA248,7,162,30,32,107
,46,162,144,142,248,7,162,30
,32
6130 DATA107,46,162,143,142,
248,7,162,30,32,107,46,162,1
42,142
6140 DATA248,7,162,30,76,107
,46,165,2,201,4,208,3,76,190
6150 DATA68,201,1,208,3,76,7
3,70,201,2,240,249,76,215,70
6160 DATA173,21,208,9,129,14
1,21,208,173,16,208,234,234,
141,16
6170 DATA208,76,206,69,32,19
7,69,206,174,2,240,3,76,211,
69
6180 DATA162,144,142,248,7,7
6,5,70,32,208,71,173,173,2,2
4
6190 DATA105,2,141,173,2,170
,32,107,46,96,141,174,2,141,
173
6199 REM * BLOC 23 *
6200 DATA2,96,173,21,208,20,
136,141,21,208,169,148,141,2
48,7
6210 DATA169,147,141,249,7,1
73,16,208,41,1,240,8,173,16,
208
6220 DATA9,3,141,16,208,173,
0,208,141,2,208,173,1,208,14
1
6230 DATA3,208,169,139,141,2
1,208,169,208,141,171,2,32,2
25,70
6240 DATA206,1,208,208,3,238
,1,208,32,201,71,208,3,206,3
6250 DATA208,206,171,2,208,2
32,96,201,3,208,3,76,135,70,
76
6260 DATA231,70,32,105,46,76
,100,47,173,21,208,9,136,141
,21
6270 DATA208,169,141,141,248
,7,169,140,141,249,7,173,16,
208,41
6280 DATA64,240,8,173,16,208
,9,3,141,16,208,173,12,208,1
41
6290 DATA0,208,141,2,208,173
,13,208,141,1,208,141,3,208,
169
6299 REM * BLOC 24 *
6300 DATA139,141,21,208,76,1
85,70,169,0,141,21,208,165,2
,201
6310 DATA4,16,28,173,0,208,1
41,14,208,173,1,208,141,15,2
08
6320 DATA173,16,208,41,1,240
,8,173,16,208,9,128,141,16,2
08
6330 DATA96,201,4,208,21,173
,16,208,9,128,141,16,208,32,

6340 DATA72,141,14,208,173,9
 ,208,141,15,208,96,173,16,20
 8,41
 6350 DATA64,248,8,173,16,208
 ,9,129,141,16,208,173,12,208
 ,141
 6360 DATA14,208,173,13,208,1
 41,15,208,96,169,139,141,255
 ,7,169
 6370 DATA60,141,191,2,169,12
 8,141,21,208,76,50,70,32,34,
 71
 6380 DATA76,126,71,173,191,2
 ,201,0,208,1,96,206,191,2,17
 3
 6390 DATA191,2,201,2,16,6,16
 9,142,141,255,7,96,201,17,16
 6399 REM * BLOC 25 *
 6400 DATA6,169,137,141,255,7
 ,96,201,35,16,5,169,138,141,
 255
 6410 DATA7,96,32,150,71,206,
 3,208,96,32,150,71,238,3,208
 6420 DATA96,142,248,7,32,150
 ,71,32,150,71,32,150,71,76,1
 50
 6430 DATA71,141,59,47,169,0,
 162,0,157,14,212,232,224,7,2
 08
 6440 DATA248,169,136,141,19,
 212,141,20,212,169,40,141,17
 1,2,141
 6450 DATA15,212,169,33,141,1
 9,212,96,238,170,2,173,170,2
 ,201
 6460 DATA3,240,4,173,6,208,9
 6,169,0,141,170,2,206,171,2
 6470 DATA173,171,2,141,15,21
 2,173,6,208,96,141,59,47,162
 ,0
 6480 DATA169,0,157,14,212,23
 2,224,7,208,248,96,173,59,47
 ,240
 6490 DATA6,173,248,7,76,101,
 45,169,0,162,0,157,14,212,23
 2
 6499 REM * BLOC 26 *
 6500 DATA224,7,208,248,169,1
 4,141,15,212,169,5,141,20,21
 2,169
 6510 DATA7,141,19,212,169,17
 ,141,18,212,208,216,169,0,16
 2,0
 6520 DATA157,0,212,232,224,2
 4,208,248,169,11,141,1,212,1
 69,10
 6530 DATA141,5,212,169,15,14
 1,6,212,169,129,141,4,212,76
 ,144
 6540 DATA71,169,7,141,40,208
 ,141,41,208,141,43,208,141,4
 4,208
 6550 DATA141,45,208,173,8,20
 8,96,201,17,16,3,169,2,96,20
 1
 6560 DATA21,16,3,169,3,96,20
 1,23,16,3,169,4,96,201,25
 6570 DATA16,3,169,5,96,169,1
 00,96,162,0,169,0,157,167,2
 6580 DATA232,224,89,208,248,
 76,42,68,169,156,141,248,7,7
 6,184
 6590 DATA72,173,59,47,208,1,
 96,173,194,2,240,5,169,5,133
 6599 REM * BLOC 27 *
 6600 DATA2,96,169,4,133,2,96
 59990 END

...listing 2...

0 DIMCH(36):FORT=1T035:READC
 H(T):NEXT:C=30999
 1 FORT=1T035:FORG=1T0150:REA
 DA:C=C+1:S=S+A:POKEA,R:NEXT:
 IFS<>CH(T):THENS
 2 S=0:NEXTT
 3 DATA17074,14926,15261,1652
 3,16231,15139,16799,15985,17
 388,15134,17359,16058
 4 DATA22535,18172,18530,1761
 8,17342,15484,17197,18901,16
 865,15283,20651
 5 DATA24835,14011,19075,2183
 7,16613,19215,16615,16207,17
 119,14029,16003,15873
 6 FORT=1T0105:READR:C=C+1:PO
 KEA,R:S=S+A:NEXT:IFSC<>10598T
 HENT=36:GOTO8
 7 GOTO20000
 8 PRINT"ERREUR BLOC";T:END
 9 REM * BLOC 1 *
 10 DATA173,0,208,201,254,240
 ,29,201,68,240,7,24,105,2,14
 1
 20 DATA0,208,96,173,16,208,4
 1,1,240,1,96,173,0,208,24
 30 DATA105,2,141,0,208,96,17
 3,1,208,72,169,0,141,1,208
 40 DATA169,0,141,0,208,238,1
 6,208,104,141,1,208,96,173,0
 50 DATA208,201,0,240,29,201,
 24,240,7,24,233,1,141,0,208



60 DATA96,173,16,208,41,1,20
 8,1,96,173,0,208,24,233,1
 70 DATA141,0,208,96,173,1,20
 8,72,169,0,141,1,208,169,254
 80 DATA141,0,208,206,16,208,
 104,141,1,208,96,173,1,208,2
 01
 90 DATA54,240,7,24,233,1,141
 1,208,96,169,226,141,1,208
 100 DATA96,173,1,208,201,226
 ,240,7,24,105,2,141,1,208,96
 109 REM * BLOC 2 *
 110 DATA169,54,141,1,208,96,
 32,35,44,170,41,5,201,5,208
 120 DATA12,32,108,43,32,50,4
 3,169,163,141,248,7,96,138,4
 1
 130 DATA6,201,6,208,12,32,12
 8,43,32,50,43,169,162,141,24
 8
 140 DATA7,96,138,41,10,201,1
 0,208,12,32,128,43,32,248,42
 150 DATA169,161,141,248,7,96
 ,138,41,9,201,9,208,12,32,10
 8
 160 DATA43,32,248,42,169,160
 ,141,248,7,96,138,41,1,201,1
 170 DATA208,9,32,108,43,169,
 158,141,248,7,96,138,41,4,20

180 DATA4,208,9,32,50,43,169
 ,157,141,248,7,96,138,41,2
 190 DATA201,2,208,9,32,128,4
 3,169,159,141,248,7,96,138,4
 1
 200 DATA8,201,8,208,9,32,248
 ,42,169,156,141,248,7,96,173
 209 REM * BLOC 3 *
 210 DATA0,220,73,127,96,0,0,
 248,173,21,208,9,2,141,21
 220 DATA208,173,16,208,41,1,
 240,8,173,16,208,9,2,141,16
 230 DATA208,169,1,141,41,44,
 96,173,2,208,74,201,125,48,2
 9
 240 DATA173,2,208,24,105,6,3
 2,131,46,72,169,0,141,3,208
 251 DATA173,16,208,24,105,2,
 140,16,208,104,141,3,208,96,
 173
 260 DATA16,208,41,2,208,10,1
 73,2,208,24,105,6,141,2,208
 270 DATA96,173,2,208,7,201,
 33,48,238,169,0,141,41,44,17
 3
 280 DATA21,208,41,253,141,21
 ,208,173,16,208,41,253,141,1
 5,208
 290 DATA96,173,2,208,74,201,
 3,48,10,173,2,208,24,233,5,
 300 DATA141,2,208,96,173,16,
 208,41,2,208,22,173,21,208,4
 1
 309 REM * BLOC 4 *
 310 DATA253,141,21,208,173,1

FLY'S REVENGE

1,96,173,0,220,73,127,41,16
 420 DATA208,1,96,76,158,67,2
 01,156,208,28,169,0,141,43,4
 4
 430 DATA169,8,141,42,44,173,
 0,208,141,2,208,173,1,208,24
 440 DATA105,254,141,3,208,76
 ,44,44,201,157,208,28,169,0,
 141
 450 DATA43,44,169,248,141,42
 ,44,173,0,208,141,2,208,173,
 1
 460 DATA208,24,105,254,141,3
 ,208,76,44,44,201,158,208,28
 ,169
 470 DATA248,141,43,44,169,0,
 141,42,44,173,0,208,24,105,2
 54
 480 DATA141,2,208,173,1,208,
 141,3,208,76,44,44,201,159,2
 08
 490 DATA28,169,8,141,43,44,1
 69,0,141,42,44,173,0,208,24
 500 DATA105,254,141,2,208,17
 3,1,208,141,3,208,76,44,44,2
 01
 509 REM * BLOC 6 *
 510 DATA160,208,31,169,248,1
 41,43,44,169,8,141,42,44,173
 ,0
 520 DATA208,24,105,0,141,2,2
 08,173,1,208,24,105,0,141,3
 530 DATA208,76,44,44,201,161
 ,208,29,169,8,141,43,44,141,
 42
 540 DATA44,173,0,208,24,105,
 0,141,2,208,173,1,208,24,105
 550 DATA0,141,3,208,76,44,44
 ,201,162,208,31,169,8,141,43
 560 DATA44,169,248,141,42,44
 ,173,0,208,24,105,0,141,2,20
 8
 570 DATA173,1,208,24,105,0,1
 41,3,208,76,44,44,169,248,14
 1
 580 DATA43,44,141,42,44,173,
 0,208,24,105,0,141,2,208,173
 590 DATA1,208,24,105,0,141,3
 ,208,76,44,44,162,5,160,255
 600 DATA136,208,253,202,208,
 248,96,32,148,43,32,38,45,32
 ,82
 609 REM * BLOC 7 *
 610 DATA5,32,105,46,96,234,
 234,141,2,208,173,3,208,96,5
 6
 620 DATA173,4,208,74,76,24,4
 7,173,0,208,74,205,138,46,16
 630 DATA35,173,4,208,240,4,2
 06,4,208,96,173,5,208,72,169
 640 DATA0,141,5,208,173,16,2
 08,24,233,3,141,16,208,206,4
 650 DATA208,104,141,5,208,96
 ,173,4,208,201,255,240,4,238
 ,4
 660 DATA208,96,173,5,208,72,
 169,0,141,5,208,173,16,208,2
 4
 670 DATA105,4,141,16,208,238
 ,4,208,104,141,5,208,96,173,
 5
 680 DATA208,74,141,138,46,17
 3,1,208,74,205,138,46,48,4,2
 38
 690 DATA5,208,96,206,5,208,9
 6,0,76,198,66,201,1,240,1
 700 DATA96,169,0,141,251,46,
 32,139,46,76,227,46,32,116,4
 6

709 REM * BLOC 8 *
 710 DATA32,252,46,96,234,234
 ,141,138,46,173,16,208,41,5,
 240
 720 DATA4,201,5,208,3,76,146
 ,46,201,1,208,3,76,190,46
 730 DATA76,155,46,238,251,46
 ,173,251,46,96,0,0,173,0,220
 740 DATA73,127,41,16,208,1,9
 6,76,125,67,208,1,96,169,0
 750 DATA141,58,47,169,1,32,2
 3,71,96,173,58,47,208,1,96
 760 DATA173,1,208,141,7,208,
 96,173,59,47,208,1,96,32,4
 770 DATA72,201,253,240,17,17
 3,16,208,41,0,208,41,173,6,2
 08
 780 DATA24,105,3,141,6,208,9
 6,173,7,208,72,169,0,141,7
 790 DATA208,173,16,208,9,8,1
 41,16,208,173,6,208,24,105,3
 800 DATA141,6,208,104,141,7,
 208,96,173,6,208,201,69,208,
 212
 809 REM * BLOC 9 *
 810 DATA173,21,208,41,247,14
 1,21,208,173,16,208,41,247,1
 41,16
 820 DATA208,169,0,32,36,72,9
 6,169,22,141,6,208,173,1,208
 830 DATA141,7,208,173,21,208
 ,9,8,141,21,208,169,1,141,58
 840 DATA47,96,255,32,15,47,2
 34,234,234,32,87,47,32,60,47
 850 DATA32,100,47,96,216,47,
 1,53,162,0,189,142,7,157,182
 860 DATA7,232,224,10,208,245
 ,173,239,47,56,233,40,141,23
 9,47
 870 DATA176,11,206,240,47,17
 3,240,47,201,3,208,1,96,173,
 242
 880 DATA47,56,233,40,141,242
 ,47,176,210,206,243,47,208,2
 05,162
 890 DATA0,189,110,4,157,70,4
 ,232,224,10,208,245,173,34,4
 8
 900 DATA24,105,40,141,34,48,
 144,11,238,35,48,173,35,48,2
 01
 909 REM * BLOC 10 *
 910 DATA8,208,1,96,173,37,48
 ,24,105,40,141,37,48,144,210
 920 DATA208,38,48,208,205,32
 ,68,52,169,142,141,239,47,16
 9,7
 930 DATA141,240,47,141,243,4
 7,169,182,141,242,47,96,32,0
 8,52
 940 DATA169,110,141,34,48,16
 9,4,141,35,48,141,38,48,169,
 70
 950 DATA141,37,48,96,173,18,
 208,201,253,208,249,96,32,12
 6,48
 960 DATA173,17,208,41,7,24,1
 05,1,41,7,141,207,2,173,17
 970 DATA208,41,248,24,109,20
 7,2,141,17,208,41,7,201,0,20
 8
 980 DATA3,76,82,48,96,32,126
 ,48,173,17,208,41,7,24,233
 990 DATA0,41,7,141,207,2,173
 ,17,208,41,248,24,109,207,2
 1000 DATA141,17,208,41,7,201
 ,7,208,3,76,104,48,96,32,148
 1009 REM * BLOC 11 *
 1010 DATA62,201,1,208,19,238

,235,47,173,235,47,201,84,48
 ,6
 1020 DATA169,2,141,234,47,96
 ,76,250,54,206,235,47,173,23
 5,47
 1030 DATA201,254,16,6,169,1,
 141,234,47,96,76,3,55,32,216
 1040 DATA47,32,210,48,76,255
 ,48,169,0,141,41,44,141,251,
 46
 1050 DATA141,58,47,141,59,47
 ,141,32,208,141,33,208,169,5
 ,141
 1060 DATA21,208,169,164,141,
 249,7,169,165,141,250,7,169,
 166,141
 1070 DATA251,7,76,143,53,0,2
 38,51,49,173,51,49,201,5,208
 1080 DATA8,169,0,141,51,49,3
 2,210,49,32,216,47,96,234,23
 4
 1090 DATA169,40,141,235,47,1
 69,1,141,234,47,169,0,141,51
 ,49
 1100 DATA76,49,55,169,2,160,
 216,162,0,157,0,216,232,208,
 250
 1109 REM * BLOC 12 *
 1110 DATA208,192,220,240,5,1
 40,102,49,208,240,169,216,14
 1,102,49
 1120 DATA96,169,29,162,4,157
 ,18,5,202,208,250,162,6,157,
 56



1130 DATA5,157,95,5,157,135,
 5,157,174,5,157,214,5,157,25
 4
 1140 DATA5,157,38,6,157,78,6
 ,157,119,6,157,159,6,157,200
 1150 DATA6,202,208,220,162,4
 ,157,242,6,202,208,250,96,32
 ,68
 1160 DATA229,32,94,49,32,12,
 53,32,194,49,76,103,50,162,7
 1170 DATA169,28,157,6,4,157,
 46,4,157,86,4,157,126,4,157
 1180 DATA166,4,157,206,4,157
 ,246,4,157,30,5,157,70,5,157
 1190 DATA110,5,157,150,5,157
 ,190,5,157,230,5,157,14,6,15
 7
 1200 DATA54,6,157,94,6,157,1
 34,6,157,174,6,157,214,6,157
 1209 REM * BLOC 13 *
 1210 DATA254,6,157,38,7,157,
 78,7,157,118,7,157,158,7,157

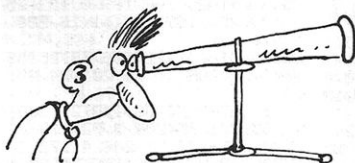
1220 DATA198,7,202,208,178,1
62,7,169,11,157,6,216,157,46
,216
1230 DATA157,86,216,157,126,
216,157,166,216,157,206,216,
157,246,216
1240 DATA157,30,217,157,70,2
17,157,110,217,157,150,217,1
57,190,217
1250 DATA157,230,217,157,14,
218,157,54,218,157,94,218,15
7,134,218
1260 DATA157,174,218,157,158
,219,157,198,219,157,214,218
,157,254,218
1270 DATA157,38,219,157,78,2
19,157,118,219,202,208,178,9
6,32,54
1280 DATA58,234,234,76,116,5
1,234,234,234,169,246,133,25
1,169,3
1290 DATA133,252,173,208,2,5
6,233,30,56,237,207,2,74,74,
74
1300 DATA168,165,251,24,105,
40,144,2,230,252,136,208,246
,133,251
1309 REM * BLOC 14 *
1310 DATA173,0,208,24,105,10
,74,74,74,24,101,251,133,251
,144
1320 DATA2,230,252,96,76,48,
53,173,0,208,208,22,173,1,20
8

1409 REM * BLOC 15 *
1410 DATA24,233,6,141,208,2,
76,13,51,201,161,208,12,173,
1
1420 DATA208,24,105,6,141,20
8,2,76,13,51,201,158,208,7,1
69
1430 DATA160,141,248,7,208,2
17,201,159,208,7,169,161,141
,248,7
1440 DATA208,222,201,162,240
,218,208,200,173,16,208,41,1
,208,9
1450 DATA173,0,208,74,201,11
0,16,1,96,76,19,51,32,97,51
1460 DATA32,68,62,76,132,53,
160,6,32,172,50,136,208,250,
96
1470 DATA173,1,208,141,208,2
,76,13,51,165,251,24,105,40,
133
1480 DATA251,165,252,105,0,1
33,252,96,165,251,56,233,40,
133,251
1490 DATA165,252,233,0,133,2
52,96,162,1,160,0,177,251,15
7,64
1500 DATA3,200,232,192,6,208
,245,224,79,240,7,32,143,51,
169
1509 REM * BLOC 16 *
1510 DATA1,208,232,32,185,52
,32,174,52,162,0,160,0,189,6
4

1609 REM * BLOC 17 *
1610 DATA173,209,2,56,233,40
,141,209,2,173,210,2,233,0,1
41
1620 DATA210,2,76,31,48,173,
209,2,133,251,173,210,2,133,
232
1630 DATA96,32,70,49,76,244,
51,169,15,141,209,2,169,5,14
1
1640 DATA210,2,96,25,53,32,1
08,52,76,171,51,173,142,3,14
1
1650 DATA64,3,96,162,78,189,
64,3,157,69,3,202,208,247,16
2
1660 DATA6,189,141,3,157,63,
3,202,208,247,96,173,209,2,1
33
1670 DATA251,173,210,2,133,2
52,96,238,234,51,173,234,51,
201,4
1680 DATA208,8,169,0,141,234
,51,76,151,52,76,144,52,238,
235
1690 DATA51,173,235,51,201,1
0,240,1,96,169,0,141,235,51,
76
1700 DATA6,53,238,51,49,173,
51,49,201,5,208,8,169,0,141,
1709 REM * BLOC 18 *
1710 DATA51,49,32,210,48,32,
206,52,76,216,47,173,44,57,4
1
1720 DATA1,240,3,76,52,49,76
,225,52,32,108,52,76,171,51
1730 DATA173,44,57,41,1,240,
3,76,122,49,76,7,52,169,1
1740 DATA141,40,208,169,12,1
41,41,208,169,9,141,42,208,1
69,30
1750 DATA141,24,208,76,86,49
,162,7,169,0,157,255,211,202
,208
1760 DATA250,169,125,141,1,2
12,169,4,141,5,212,169,15,14
1,24
1770 DATA212,169,17,141,4,21
2,76,125,51,169,0,133,2,173,
59
1780 DATA47,240,14,173,205,2
,41,9,201,9,208,5,32,179,55
1790 DATA234,234,173,205,2,4
1,5,201,5,208,5,32,232,58,23
4
1800 DATA234,76,224,57,41,17
,201,17,208,4,169,3,133,2,96
1809 REM * BLOC 19 *
1810 DATA32,241,54,165,2,240
,1,96,76,207,53,169,40,141,0
1820 DATA208,169,126,141,1,2
08,169,254,141,4,208,169,126
,141,5
1830 DATA208,169,0,141,30,20
8,76,205,57,173,58,47,240,1,
96
1840 DATA173,59,47,240,1,96,
76,190,47,238,211,2,173,211,
2
1850 DATA201,3,208,8,169,0,1
41,211,2,32,190,47,76,169,50
1860 DATA32,88,54,76,235,54,
173,206,2,41,2,208,1,96,173
1870 DATA16,208,41,2,208,9,1
73,2,208,74,201,100,16,1,96
1880 DATA169,206,133,251,169
,3,133,252,173,3,208,56,233,

DEULIGNE

Empêchez le piratage de vos programmes
avec ce deuligne court, court, court...



10 PRINT "MINI POKE, M
INI PLACE, MAIS IL FAI
T LE MAXIMUM..."
20 POKE808,251:REM: ET
NA !!!!



1330 DATA72,169,0,141,1,208,
206,16,208,169,254,141,0,208
,104
1340 DATA141,1,208,96,206,0,
208,206,0,208,96,32,219,54,1
69
1350 DATA66,101,253,133,253,
144,2,230,254,96,162,0,161,2
51,201
1360 DATA31,208,7,169,32,129
,251,76,206,50,201,30,208,7,
169
1370 DATA31,129,251,76,169,5
0,201,29,208,7,169,30,129,25
1,76
1380 DATA169,50,201,28,240,1
,96,169,29,129,251,76,169,50
,32
1390 DATA114,50,76,220,50,17
3,206,2,41,1,208,1,96,173,24
8
1400 DATA7,201,156,208,3,76,
134,51,201,160,208,12,173,1,
208

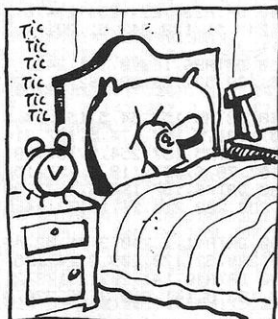
1520 DATA3,145,251,200,232,1
92,6,208,245,224,78,208,1,96
,32
1530 DATA143,51,169,1,208,23
1,234,234,234,234,0,5,234,23
4,234
1540 DATA234,234,234,234,0,2
38,243,51,173,243,51,201,4,2
40,1
1550 DATA96,169,0,141,243,51
,76,138,52,169,29,162,6,157,
14
1560 DATA5,157,54,5,157,94,5
,157,134,5,157,174,5,157,214
1570 DATA5,157,254,5,157,38,
6,157,78,6,157,118,6,157,158
1580 DATA6,157,198,6,157,238
,6,202,208,214,96,1,173,44,5
7
1590 DATA41,1,240,3,76,52,49
,76,225,52,173,209,2,24,105
1600 DATA40,141,209,2,173,21
0,2,105,0,141,210,2,76,236,4
7

- FLY'S REVENGE

30,56
 1990 DATA237,207,2,74,74,74,
 168,165,251,24,105,40,144,2,
 230
 1900 DATA252,136,208,246,133
 ,251,173,2,208,24,105,0,74,7
 4,74
 1909 REM * BLOC 20 *
 1910 DATA24,101,251,133,251,
 144,2,230,252,160,40,177,251
 ,201,32
 1920 DATA240,22,32,209,50,16
 9,32,145,251,160,0,145,251,1
 60,80
 1930 DATA145,251,160,41,145,
 251,76,66,54,96,169,0,141,41
 ,44
 1940 DATA173,21,208,41,253,1
 41,21,208,173,16,208,41,253,
 141,16
 1950 DATA208,96,173,31,208,1
 41,206,2,76,213,53,173,206,2
 ,41
 1960 DATA8,208,1,96,173,16,2
 08,41,8,208,9,173,6,208,74
 1970 DATA201,100,16,1,96,169
 ,246,133,251,169,3,133,252,1
 73,7
 1980 DATA208,56,233,34,56,23
 7,207,2,74,74,74,168,165,251
 ,24
 1990 DATA105,40,144,2,230,25
 2,136,208,246,133,251,173,6,
 208,24
 2000 DATA105,0,74,74,74,24,1
 01,251,133,251,144,2,230,252
 ,160
 2009 REM * BLOC 21 *
 2010 DATA0,177,251,201,32,20
 8,1,96,169,32,145,251,200,14
 5,251
 2020 DATA32,209,50,173,21,20
 8,41,247,141,21,208,173,16,2
 08,41
 2030 DATA247,141,16,208,169,
 0,141,58,47,76,36,72,96,173,
 58
 2040 DATA47,208,8,173,59,47,
 208,3,76,186,53,76,169,50,32
 2050 DATA97,54,76,116,51,173
 ,30,208,141,205,2,76,81,53,2
 38
 2060 DATA9,208,238,11,208,76
 ,86,62,206,9,208,206,11,208,
 76
 2070 DATA100,62,32,9,68,24,1
 05,100,141,11,208,141,9,208,
 169
 2080 DATA65,141,8,208,141,10
 ,208,173,16,208,9,48,141,16,
 208
 2090 DATA173,21,208,9,48,141
 ,21,208,96,169,9,141,43,208,
 169
 2100 DATA7,141,44,208,169,16
 9,141,253,7,169,170,141,252,
 7,32
 2109 REM * BLOC 22 *
 2110 DATA12,55,76,103,50,173
 ,205,2,41,17,201,17,240,1,96
 2120 DATA76,221,58,208,1,96,
 169,3,133,2,96,173,204,2,208
 2130 DATA230,238,43,208,76,7
 5,55,173,9,208,237,1,208,16,
 2
 2140 DATA73,255,201,5,48,1,9
 6,173,8,208,237,0,208,16,2
 2150 DATA73,255,201,5,48,1,9
 6,76,171,53,173,0,208,237,4

2160 DATA208,16,2,73,255,201
 ,6,48,1,96,173,1,208,24,105
 2170 DATA6,56,237,5,208,16,2
 ,73,255,201,6,48,1,96,169
 2180 DATA2,133,2,96,173,0,20
 8,234,234,237,6,208,16,2,73
 2190 DATA255,201,7,48,1,96,1
 73,1,208,234,234,237,7,208,1
 6
 2200 DATA2,73,255,201,6,48,1
 ,96,169,3,133,2,96,1,1
 2209 REM * BLOC 23 *
 2210 DATA1,2,53,3,95,71,5,4,
 16,21,1,169,30,133,251
 2220 DATA169,4,133,252,162,0
 ,160,0,177,251,157,0,64,232,
 200
 2230 DATA192,10,208,245,165,
 251,24,105,40,133,251,144,23
 4,230,252
 2240 DATA165,252,201,8,208,2
 26,96,169,30,133,251,169,4,1
 33,252
 2250 DATA162,0,160,0,177,251
 ,157,250,64,232,200,192,10,2
 08,245
 2260 DATA165,251,24,105,40,1
 33,251,144,234,230,252,165,2
 52,201,8
 2270 DATA208,226,96,0,174,57
 ,56,189,218,55,141,230,55,18
 9,220
 2280 DATA55,141,234,47,189,2
 22,55,141,235,47,189,224,55,
 141,209
 2290 DATA2,189,226,55,141,21
 0,2,189,228,55,141,17,208,96
 ,174
 2300 DATA57,56,173,230,55,15
 7,218,55,173,234,47,157,220,
 55,173
 2309 REM * BLOC 24 *
 2310 DATA235,47,157,222,55,1
 73,209,2,157,224,55,173,210,
 2,157
 2320 DATA226,55,173,17,208,1
 57,228,55,96,169,30,133,251,
 169,4
 2330 DATA133,252,162,0,160,0
 ,189,0,64,145,251,232,200,19
 2,10
 2340 DATA208,245,165,251,24,
 105,40,133,251,144,2,230,252
 ,224,250
 2350 DATA208,228,96,169,30,1
 33,251,169,4,133,252,162,0,1
 60,0
 2360 DATA189,250,64,145,251,
 232,200,192,10,208,245,165,2
 51,24,105

2370 DATA40,133,251,144,2,23
 0,252,224,250,208,228,96,255
 ,255,255
 2380 DATA31,95,255,127,255,2
 55,255,255,255,255,255,2
 55,255,255
 2390 DATA255,255,255,255,255
 ,255,255,255,255,255,255
 ,255,255,255
 2400 DATA255,255,255,255,255
 ,255,255,0,0,0,0,0,0,0,0
 2409 REM * BLOC 25 *
 2410 DATA0,173,57,56,208,3,7
 6,231,55,76,16,56,173,57,56
 2420 DATA208,3,76,138,56,76,
 177,56,32,20,57,76,58,56,32
 2430 DATA9,57,76,98,56,1,22,
 173,44,57,41,3,208,1,96
 2440 DATA201,3,208,1,96,76,1
 94,49,173,44,57,201,3,16,3
 2450 DATA169,4,96,201,5,16,3
 ,169,3,96,201,7,16,3,169
 2460 DATA2,96,76,219,66,32,2
 25,66,76,246,66,96,169,0,133
 2470 DATA253,133,254,76,103,
 50,173,43,57,240,3,76,124,57
 ,32
 2480 DATA45,57,32,12,53,32,8
 8,57,76,181,57,32,45,57,32
 2490 DATA88,57,76,31,57,32,9
 4,49,32,104,57,32,8,49,76
 2500 DATA132,58,234,234,234,
 234,234,234,234,234,234,234,
 234,234,234
 2509 REM * BLOC 26 *
 2510 DATA234,234,234,234,234
 ,234,234,234,234,234,234,234
 ,234,234,234
 2520 DATA234,234,234,234,234
 ,234,234,234,169,1,141,234,4
 7,169,40
 2530 DATA141,235,47,169,19,1
 41,17,208,76,125,52,76,199,7
 2,76
 2540 DATA207,63,169,0,133,25
 3,133,254,169,48,141,16,208,
 169,53
 2550 DATA141,21,208,76,25,53
 ,173,21,208,41,24,201,24,208
 ,3
 2560 DATA32,7,58,173,21,208,
 41,65,201,65,208,3,32,119,63
 2570 DATA173,21,208,41,72,20
 1,72,208,3,32,104,66,76,96,5
 5
 2580 DATA173,16,208,41,8,208
 ,1,96,173,6,208,234,234,237,
 8
 2590 DATA208,16,2,73,255,201
 ,6,48,1,96,173,7,208,234,234
 2600 DATA237,9,208,16,2,73,2
 55,201,7,48,1,96,169,4,133
 2609 REM * BLOC 27 *
 2610 DATA2,96,96,92,58,201,3
 2,240,5,169,52,133,1,96,173
 2620 DATA71,3,201,160,208,24
 4,32,81,58,201,64,208,238,96
 ,108
 2630 DATA40,3,234,234,234,23
 4,234,234,234,234,169,96,141
 ,54,58
 2640 DATA173,65,3,96,234,234
 ,234,234,234,234,234,234,234
 ,234,234
 2650 DATA234,234,234,234,234
 ,234,234,234,234,234,234,234
 ,234,234,234
 2660 DATA234,234,234,
 234,234



.165,2,201,5,48,11,169,1,141
.202
2670 DATA2,238,44,57,76,207,
58,201,4,208,11,169,0,141,20
2
2680 DATA2,238,44,57,76,172,
58,169,0,141,202,2,76,37,57
2690 DATA173,21,208,41,64,24
0,14,165,253,24,105,208,133,
253,165
2700 DATA254,105,7,133,254,9
6,165,253,24,105,232,133,253
.165,254
2709 REM * BLOC 28 *
2710 DATA105,3,133,254,96,16
5,253,24,105,184,133,253,165
.254,105
2720 DATA11,133,254,96,173,1
6,208,41,1,208,1,96,76,107,5
5
2730 DATA173,10,4,201,32,208
.3,76,140,55,173,16,208,41,1
2740 DATA208,246,173,0,208,7
4,201,38,48,238,201,60,16,23
4,96
2750 DATA169,0,172,188,2,32,
145,179,32,12,188,32,48,186,
162
2760 DATA0,160,70,32,212,197
.169,0,172,189,2,32,145,179,
32
2770 DATA12,188,32,48,186,16
9,0,160,70,32,103,184,32,113
.191
2780 DATA169,159,160,28,32,1
40,186,32,20,187,32,12,188,1
69,0
2790 DATA172,188,2,32,145,17
9,32,48,186,32,191,177,165,1
01,141
2800 DATA191,2,169,0,172,189
2,32,145,179,32,48,186,32,1
91
2809 REM * BLOC 29 *
2810 DATA177,165,101,141,192
.2,96,234,234,234,234,234,23
4,234,234
2820 DATA234,234,234,234,234
.234,234,234,234,234,234,234
.234,234,234
2830 DATA234,32,70,63,141,12
.208,173,9,208,141,13,208,17
3,21
2840 DATA208,41,15,141,21,20
8,173,16,208,41,15,9,64,141,
16
2850 DATA208,173,21,208,9,64
.141,21,208,169,167,141,254,
7,169
2860 DATA1,141,193,2,96,173,
21,208,41,191,141,21,208,173
.16
2870 DATA208,41,191,141,16,2
08,169,0,141,193,2,141,194,2
.76
2880 DATA12,55,173,1,208,74,
141,198,2,173,13,208,74,205,
198
2890 DATA2,16,6,169,1,141,19
7,2,96,169,2,141,197,2,96
2900 DATA173,0,208,74,141,19
6,2,173,16,208,41,1,240,9,17
3
2909 REM * BLOC 30 *
2910 DATA196,2,24,105,128,14
1,196,2,78,196,2,173,12,208,
74
2920 DATA74,168,173,16,208,4
1,64,240,5,152,24,105,64,168

.152
2930 DATA205,196,2,16,6,169,
1,141,196,2,96,169,2,141,196
2940 DATA2,96,173,1,208,74,1
41,198,2,173,13,208,74,56,23
7
2950 DATA198,2,168,173,197,2
.201,1,208,10,152,73,255,24,
105
2960 DATA1,141,188,2,96,140,
188,2,96,173,0,208,74,168,17
3
2970 DATA16,208,41,1,240,9,1
52,24,105,128,141,198,2,208,
3
2980 DATA140,198,2,173,12,20
8,74,168,173,16,208,41,64,24
0,9
2990 DATA152,24,105,128,141,
199,2,208,3,140,199,2,173,19
9,2
3000 DATA56,237,198,2,168,17
3,196,2,201,1,208,10,152,73,
255
3009 REM * BLOC 31 *
3010 DATA24,105,1,141,189,2,
96,140,189,2,96,173,196,2,20
1
3020 DATA2,240,1,96,173,192,
2,73,255,24,105,1,141,192,2
3030 DATA96,173,197,2,201,2,
240,1,96,173,191,2,73,255,24,
3040 DATA105,1,141,191,2,96,
173,191,2,141,186,2,173,192,
2
3050 DATA141,187,2,96,201,12
7,16,2,168,96,73,255,24,105,
1
3060 DATA168,238,183,2,96,16
9,1,141,183,2,173,192,2,32,2
04
3070 DATA60,140,200,2,173,18
7,2,32,204,60,169,0,192,0,24
0
3080 DATA23,24,109,200,2,136
.208,249,168,173,183,2,41,1,
208
3090 DATA7,152,73,255,24,105
.1,168,152,141,185,2,169,1,1
41
3100 DATA183,2,173,191,2,32,
204,60,140,201,2,173,186,2,3
2
3109 REM * BLOC 32 *
3110 DATA204,60,169,0,192,0,
240,23,24,109,201,2,136,208,
249
3120 DATA168,173,183,2,41,1,
208,7,152,73,255,24,105,1,16
8
3130 DATA152,141,184,2,234,2
34,234,234,32,82,63,201,128,

76,233
3140 DATA67,51,63,96,173,13,
208,24,109,191,2,141,13,208,
173
3150 DATA192,2,201,128,16,41
.173,12,208,24,109,192,2,144
.28
3160 DATA72,173,13,208,72,16
9,0,141,13,208,173,16,208,9,
64
3170 DATA141,16,208,104,168,
104,141,12,208,140,13,208,96
.141,12
3180 DATA208,96,173,12,208,2
4,109,192,2,176,20,72,173,13
.208
3190 DATA72,169,0,141,13,208
.173,16,208,41,191,141,16,20
8,104
3200 DATA168,104,141,12,208,
140,13,208,96,141,12,208,96,
173,141
3209 REM * BLOC 33 *
3210 DATA2,201,4,240,1,96,76
.127,59,32,220,67,173,182,2
3220 DATA201,16,240,1,96,169
.1,141,194,2,169,0,141,193,2
3230 DATA32,26,62,32,231,59
32,37,60,32,74,60,32,6,59
3240 DATA32,151,60,32,3,68,9
6,173,13,208,74,201,22,16,3
3250 DATA76,176,59,201,115,4
8,3,76,176,59,173,16,208,41,
64
3260 DATA208,12,173,12,208,7
4,201,5,16,3,76,176,59,96,17
3
3270 DATA12,208,74,201,35,16
.244,96,141,182,2,76,203,59,
32
3280 DATA64,63,76,236,61,173
.193,2,208,8,173,194,2,208,3
3290 DATA32,74,62,173,193,2,
240,3,32,193,61,173,194,2,24
0
3300 DATA3,32,114,62,96,32,5
5,52,76,38,62,173,4,220,74
3309 REM * BLOC 34 *
3310 DATA201,127,16,1,96,76,
155,62,173,193,2,208,3,76,13
4
3320 DATA48,238,13,208,76,13
4,48,173,193,2,208,3,76,172,
48
3330 DATA206,13,208,76,172,4
8,238,181,2,173,181,2,201,3,
240
3340 DATA1,96,169,0,141,181,
2,76,32,62,173,254,7,201,167
3350 DATA208,4,238,254,7,96,
206,254,7,96,32,133,62,173,2
34
3360 DATA47,96,173,18,208,74
.201,35,48,1,96,76,93,67,173
3370 DATA192,2,201,1,16,1,96
.173,191,2,16,11,169,245,141
3380 DATA191,2,169,0,141,192
.2,96,169,11,141,191,2,169,0
3390 DATA141,192,2,96,173,17
9,2,201,4,48,1,96,238,180,2
3400 DATA173,180,2,201,10,16
.1,96,173,13,208,74,201,40,4
8
3409 REM * BLOC 35 *
3410 DATA51,201,100,16,47,17
3,16,208,41,64,208,8,173,12,



LE MARRON (3000 PTS +1 V
 IE SI L'ESSAIM EST EN "
 5070 PRINT"SI NON 1000)"
 5080 PRINT"CE MISSILE APPA
 RAIT SI VOUS MANGEZ DES BRI
 QUES ROUGES (67 PTS)";
 5090 PRINT" OU SI VOUS PA
 SSEZ SUR";
 5100 PRINT" L' ESSAIM AU REP
 OS"

5110 PRINT" VOUS POUVEZ AUS
 SI DETUIRE LE MUR EN
 5120 PRINT" TIRANT DESSUS. C
 'EST PLUS RAPIDE. MAIS
 5130 PRINT" CELA RAPPORTE MO
 INS DE POINTS.
 5140 PRINT" LE BROUILLARD G
 RIS QUI APPARAIT 2 FOIS SUR
 4 VOUS PROTEGE DU "
 5150 PRINT"MISSILE GRIS"

5160 PRINT" MAIS IL VOUS EMP
 ECHE DE TIRER "
 5170 PRINT" MAINTENANT TACH
 EZ DE NE PAS VOUS FAIRE PLO
 UER ET APPUYEZ SUR "
 5180 PRINT"SHIFT":WAIT653.1:
 RETURN

LA FOLIE DE L'OR



...listing 1...

```
0 POKE53280,0:POKE53281,0:PR
INT"J"
5 GOSUB550
10 A=14336:B=53248:C=56334
20 POKEC,PEEK(C)AND254:POKE1
,PEEK(1)AND251
30 FORF=0TO2047:POKE(A+F),PE
EK(B+F):NEXTF
40 POKE1,PEEK(1)OR4
50 POKEC,PEEK(C)OR1
60 FORF=1TO10:READX:FORV=0T
7:READ Y:POKEX+V,Y:NEXTV,F
70 POKE53272,31
130 DATA14952,0,0,0,0,0,146,
109,255
140 DATA15056,0,0,0,0,0,14
6,109
150 DATA15032,0,146,109,255,
255,255,255,255
160 DATA15040,0,137,137,118,
255,255,255,255
170 DATA15048,0,128,192,224,
240,255,255,255
180 DATA15064,0,1,3,7,15,255
,255,255
185 DATA14976,251,251,251,0,
223,223,223,0
190 DATA14936,255,119,34,0,0
,0,0,0
200 DATA14928,0,0,0,0,0,34,1
19,255
240 DATA14944,255,255,255,25
5,255,255,255,255
270 POKE53281,6:POKE53280,14
:PRINT"Q"
500 END
550 PRINT"XXXXXXXXXXXXXXXXXXXX
LA FOLIE DE L'OR ◆"
560 PRINT"XXXXXXXXXXXXXXXXXXXX
```

```
570 PRINT"XXXXXXXXXXXXXXXXXXXX
"
580 PRINT"XXXXXXXXXXXXXXXXXXXX
"
590 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX EST EN COUR. "
600 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX ATTENDEZ S.V.P "
610 RETURN
```

...listing 2...

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40 CLR
50 REM*****
60 REM*STEPHANE LE BERRE*
70 REM* LA FOLIE DE L'OR*
90 REM ***PRESENTATION***
100 POKE53272,31:POKE53280,0
:POKE53281,0:PRINT"Q":PRINT
"R";
105 PRINT"R";
110 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
120 PRINT"XXXXXXXXXXXXXXXXXXXX LA FOLIE
DE L'OR XXXXXXXXXXXXXXX"
130 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX";
150 Q$="":FORI=1TO250:NEXT
160 GETQ$:IFQ$="R"THEN240
170 Q=Q+1:G=Q+1:IFQ=10THEN30
0
180 IFQ=3THENPRINT"R":GOTO11
0
190 IFQ=4THENPRINT"R":GOTO11
0
```

```
200 IFQ=5THENPRINT"R":GOTO11
0
210 IFQ=6THENPRINT"Q":GOTO11
0
220 IFQ=7THENPRINT"R":GOTO11
0
230 IFQ<30R0>7THENQ=2:GOTO17
0
240 Q=0
250 Q=Q+1:IFQ=13THEN400
260 PRINT"R"
270 GOTO250
300 CLR:PRINT
310 Q=Q+1
320 PRINT"R";
330 PRINT"R";
340 PRINT"R";
350 IFQ<10THEN310
360 CLR:Q=INT(6*AND(1))>+1
370 PRINT"R";
380 GOTO170
390 GOTO310
400 PRINT"R":POKE53280,3:PO
KE53281,6
410 PRINT"XXXXXXXXXXXXXXXXXXXXMETTEZ
LE JOYSTIC DANS LE PORT I "
420 PRINT"XXXXXXXXXXXXXXXXXXXXX
BONNE CHANCE !"
440 Q$="":Q=0
450 GETQ$:IFQ$<"R"THEN450
460 Q=Q+1:IFQ=13THEN480
470 PRINT"R":GOTO460
480 PRINT"Q":POKE53280,0
490 REM *****
500 REM *****SPRITES***
510 FORA=15680TO16192STEP64
520 FORB=ATOR+62
530 READC:POKEB,C
```

Equipé d'un hélicoptère dorsal et d'un laser frontal, allez jusqu'au bout de votre folie dans quelques sinistres décors plutôt mal fréquentés...
 Stéphane LE BERRE

Mode d'emploi :
 Tapez et sauvegardez à la suite ces deux programmes. Chargez et lancez le premier programme, puis faites NEW avant le chargement du programme principal. Après lancement et affichage de la présentation, passez à la suite par appui sur F1 (présentation des personnages et choix du premier tableau).
 Ce jeu utilise indifféremment le joystick ou bien les touches "CTRL" (gauche), "2" (droite), "1" (haut) et "SPACE" pour tirer. La pesanteur se charge de vous attirer vers le bas.
 Vous devez vous approprier tous les lingots (1 lingot = 100 points) et tuer à l'aide de votre laser frontal, tous les monstres ou morts-vivants de chaque tableau (possibilité de tirer à travers les murs !). Vous disposez de 3 vies au départ et pouvez recommencer une partie par F1.

LA FOLIE DE L'OR

```

540 NEXTR
550 NEXTRA
600 DATA0,0,0,0,31,192,0,2,0
,0,2,0,0,122,0,0,10,0,0,122,
0,0,26,0
610 DATA0,27,0,0,127,128,0,1
11,128,0,103,128,0,115,0,0,1
03,0,0,60,0,0,28,0
620 DATA0,28,0,0,28,0,0,28,0
,0,28,0,0,124,0
630 DATA0,0,0,3,248,0,0,64,0
,0,64,0,0,94,0,0,80,0,94,0
,0,88,0
640 DATA0,216,0,1,254,0,1,24
6,0,1,230,0,0,206,0,0,230,0
,0,60,0,0,56,0
650 DATA0,56,0,0,56,0,0,56,0
,0,56,0,0,62,0
660 DATA0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0,0
670 DATA0,0,0,0,0,0,0,0,0,0,7
,255,224,15,255,32,63,254,96,
127,252,224,128,7,224
680 DATA255,249,192,255,249,
128,255,249,0,255,254,0,0,0,
0
700 DATA0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0,0
710 DATA0,0,0,0,0,0,0,0,0,0,7
,255,224,15,255,32,63,254,96,
127,252,224,128,7,224
720 DATA255,249,192,255,249,
128,255,249,0,255,254,0,0,0,
0
730 DATA0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0,0
740 DATA0,0,0,0,0,0,0,0,0,0,7
,255,224,15,255,32,63,254,96,
127,252,224,128,7,224
750 DATA255,249,192,255,249,
128,255,249,0,255,254,0,0,0,
0
760 DATA0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0,0
770 DATA0,0,0,0,0,0,0,0,0,0,7
,255,224,15,255,32,63,254,96,
127,252,224,128,7,224
780 DATA255,249,192,255,249,
128,255,249,0,255,254,0,0,0,
0
790 DATA0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0,0
800 DATA0,0,0,0,0,0,0,0,0,0,0
,0,0,238,238,239,0,0,0,0,0,0,
0,0,0
810 DATA0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0
820 DATA0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0,0
830 DATA0,60,0,4,126,32,5,90
,160,7,255,224,7,219,224,5,1
02,160,4,60,32,0,24,0
840 DATA0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0
850 DATA0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0,0
860 DATA1,171,0,0,254,0,0,84
,0,0,124,0,0,254,0,1,171,0,1
,41,0,1,41,0
870 DATA0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0
900 REM *****POINTER LES SPRIT
ES*****
910 REM *****
*****
920 CLR
930 V=53248
940 POKE2040,B
950 POKE2041,247

```

```

960 POKE2042,248
970 POKE2043,249
980 POKE2044,250
990 POKE2045,251
1000 POKE2046,252
1010 POKE2047,253
1050 POKEV+39,14
1060 POKEV+40,7
1070 POKEV+41,7
1080 POKEV+42,7
1090 POKEV+43,7
1100 POKEV+44,10
1110 POKEV+45,1
1120 POKEV+46,2
1130 POKEV+29,128
1140 POKEV+23,64
1150 POKEV+21,1+2+32+64+128
1160 POKEV+16,0
1200 REM *****PRESENTATION SU
ITE*****
1210 PRINT " ":POKE53272,21:P
OKE53280,0:POKE53281,0
1220 POKE2040,246
1230 POKEV,56:POKEV+1,74
1240 POKEV+2,56:POKEV+3,103
1250 POKEV+12,56:POKEV+13,13
0
1260 POKEV+14,45:POKEV+15,17
0
1270 PRINT "*****= VO
US"
1280 PRINT "*****=
LINGOT D'OR"
1290 PRINT "*****=
MORT-VIVANT (CHARMANT N
ON ?)"
1300 PRINT "*****=
*****= MONSTRE"
1310 GET0$:IF0$<" " THEN1310
1320 0$="":A=0:X=50:Y=50:QW=
1:T=2
1330 PRINT "*****=
*****"
1340 PRINT "*****=
U VOULEZ-VOUS JOUER";QW;" "
1350 VV=3
1355 D=PEEK(56321)
1357 IFD=254THENT=T+1:IFT>6T
HENT=2
1358 IFD=253THENT=T-1:IFT<2T
HENT=6
1359 IFD=239THENT1410
1360 QW=T-1:IFQW=5THENT1365
1362 GOTO1330
1365 PRINT "*****=
*****"
1370 PRINT "*****=
U VOULEZ-VOUS JOUER";PRO"GOT
01350
1400 T=T+1
1410 PRINT " ":POKEV+30,0:POK
EV+31,0:RR=0
1415 IFPI=100THENT=6
1420 IFVV=0THENT1700
1430 IFT=2THENT4000
1440 IFT=3THENT4500
1450 IFT=4THENT5000
1460 IFT=5THENT5500
1470 IFT<1THENT900
1480 IFT>5THENTPI=100:GOTO149
0
1490 T=0:T=INT(5*RND(1)+2):G
OTO1420
1700 POKEV+21,0:POKE53280,3:
POKE53281,6
1710 POKE53272,31:PRINT " "
1720 PRINT "*****=
*****"
1730 PRINT "*****=

```

```

*****VOUS AVEZ PERDU"
1740 PRINT "*****=
*****"
1750 PRINT "*****=
*****SCORE " :S
1760 GET0$:IF0$<" " THEN1760
1780 CLR:RUN900
1800 REM*****BOUCLE PRINCIPALE
***
1810 REM*****
***
1900 D=PEEK(56321)
1910 IFD=254THENTY=Y-3:GOTO20
00
1920 IFD=255THENTY=Y+2:GOTO20
00
1930 IFD=251THENTX=X-3:POKE20
40,245:GOTO2000
1940 IFD=247THENTX=X+3:POKE20
40,246:GOTO2000
1950 IFD=239THENGOSUB3500
2000 IFX>254THENT2500
2030 KK=PEEK(V+31)
2040 IFFK=1THENVV=VV-1:GOTO1
410
2050 RR=PEEK(V+30)
2065 IFRR>0THENGOSUB3000
2070 POKEV,X
2080 POKEV+1,Y
2170 GOTO1900
2500 POKEV+16,1
2510 X=0:POKEV,X:POKEV+1,Y
2520 D=PEEK(56321)
2530 IFD=254THENTY=Y-3:GOTO20
00
2540 IFD=255THENTY=Y+2:GOTO20
00

```

DEULIGNE

Le catalogue n'est plus réservé aux disquettes : en voilà un pour votre unité de cassettes.

```

1 A=828:OPEN1,1:PRINTP
EEK(A+1)+256*PEEK(A+2)
; "-" :PEEK(A+3)+256*PEE
K(A+4) :FORI=1TOPEEK(A)
:READA: NEXT
2 FORI=5TO15:N$=N$+CHR
$(PEEK(A+1)):NEXT:PRIN
TN$,A$:CLOSE1:POKE198,
0:WAIT198,1:CLR:RESTOR
E:GOTO1:DATAR,A,F

```



PLUS ON EST
DE JAPONAIS
PLUS ON
RIZ
JAUNE

```

2550 IFD=251THENTX=X-3:POKE20
40,245:GOTO2000
2560 IFD=247THENTX=X+3:POKE20
40,246:GOTO2000
2570 IFD=239THENGOSUB3500
2800 IFX<0THENTPOKEV+16,0:X=2
55:POKEV,X:POKEV+1,Y:GOTO190
0
2810 POKEV,X
2820 POKEV+1,Y
2830 KK=PEEK(V+31)

```

```

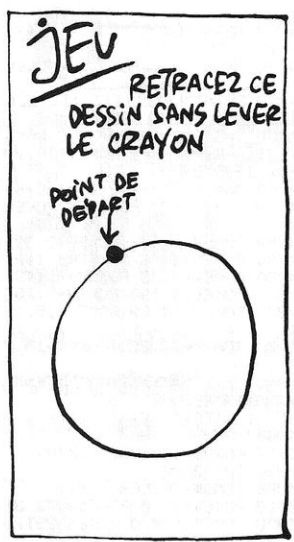
2840 IFKK=1THENVV=VV-1:GOTO1
410
2850 RR=PEEK(V+30)
2860 IFRR=0THENCOSUB3000
2870 GOTO2520
3000 REM ***COLLISION DE SPR
ITES***
3010 IFRR=129THENVV=VV-1:RR=
0:GOTO1410
3020 IFRR=65THENVV=VV-1:RR=0
:GOTO1410
3040 IFRR=96THEN:S=S+50:POKE
V+21,MN-64:MN=MN-64:JJ=2
3050 IFRR=160THEN:S=S+50:POK
EV+21,MN-128:MN=MN-128:JJ=2
3060 IFRR=3THEN:S=S+100:POKE
V+21,MN-2:MN=MN-2:JJ=1
3070 IFRR=5THEN:S=S+100:POKE
V+21,MN-4:MN=MN-4:JJ=1
3080 IFRR=9THEN:S=S+100:POKE
V+21,MN-8:MN=MN-8:JJ=1
3090 IFRR=17THEN:S=S+100:POK
EV+21,MN-16:MN=MN-16:JJ=1
3095 POKEV+30,0
3100 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXSCORE:";S;"
      VIES:";VV;
3110 POKE54296,15:POKE54277,
0:POKE54278,240:POKE54273,30
3120 IFJJ=1THENPOKE54276,17
3130 IFJJ=2THENPOKE54276,33
3140 JJ=0
3150 POKE54276,0
3190 IFMN=1+32THENFORHH=1TO1
000:NEXT:GOTO1400
3200 RETURN
3500 REM ***TIR***
3510 IFPEEK(2040)=246THEN353
0
3520 GOTO3700
3530 IFPEEK(V+16)=0THEN3540
3535 GOTO3610
3540 IFX>255-17THENRETURN
3545 POKEV+21,MN-32
3550 POKEV+11,Y-7:POKEV+10,X
+17
3555 POKEV+21,MN
3560 D=PEEK(56321):IFD=239TH
EN3560
3565 POKEV+21,MN-32
3580 POKEV+10,0
3590 POKEV+11,0
3600 RETURN
3610 POKEV+16,33:POKEV+21,MN
-32
3620 POKEV+10,X+17
3630 POKEV+11,Y-7
3635 POKEV+21,MN
3640 D=PEEK(56321):IFD=239TH
EN3640
3645 POKEV+21,MN-32
3650 POKEV+16,1
3660 POKEV+10,0
3680 RETURN
3700 IFPEEK(V+16)=0THEN3720
3710 GOTO3790
3720 POKEV+21,MN-32:POKEV+11
,Y-7:POKEV+10,X-17
3725 POKEV+21,MN
3730 D=PEEK(56321):IFD=239TH
EN3730
3735 POKEV+21,MN-32
3740 POKEV+10,0
3750 POKEV+11,0
3760 RETURN
3780 IFX<17THENRETURN
3790 POKEV+16,33:POKEV+21,MN
-32
3800 POKEV+10,X-17
3810 POKEV+11,Y-7

```

```

3815 POKEV+21,MN
3820 D=PEEK(56321):IFD=239TH
EN3820
3825 POKEV+21,MN-32
3830 POKEV+16,1
3840 POKEV+10,0
3850 RETURN
4000 REM***TABLEAU 1***
4010 POKEV+21,0:POKE53272,31
4020 PRINT"J"
4030 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4040 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4050 PRINT"J"
4060 PRINT"J"
4070 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4080 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4090 PRINT"J"
4100 PRINT"J"
4110 PRINT"J"
4120 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4130 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4140 PRINT"L"
4150 PRINT"L"
4160 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4170 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4180 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4190 PRINT"L"
4200 PRINT"L"
4210 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4220 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4230 PRINT"J"
4240 PRINT"J"
4250 PRINT"J"
4260 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4270 POKE53280,0:POKE53281,0
4280 V=53248
4290 X=60:Y=63:POKEV,X:POKEV
+1,Y
4300 POKEV+16,0
4310 POKE2040,246
4320 POKEV+2,144:POKEV+3,139
4330 POKEV+6,52:POKEV+7,208
4340 POKEV+4,179:POKEV+5,139
4350 POKEV+8,252:POKEV+9,167
4360 POKEV+14,45:POKEV+15,13
3
4370 POKEV+12,225:POKEV+13,1
57
4380 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXSCORE:";S;"
      VIES:";VV;
4390 MN=1+2+4+8+16+32+128+64
4400 POKEV+21,MN:POKEV+30,0
4410 FORQ=1TO1000:NEXTQ

```



```

4420 GOTO2000
4500 REM***TABLEAU 2***
4510 POKEV+21,0:POKE53272,31
:POKE53280,0:POKE53281,0:PRI
NT"J"
4520 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4530 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4540 PRINT"J"
4550 PRINT"J"
4560 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4570 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4580 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4590 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4600 PRINT"J"
4610 PRINT"J"
4620 PRINT"J"
4630 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4640 PRINT"J"
4650 PRINT"J"
4655 PRINT"J"
4660 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4670 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4680 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
4690 PRINT"L"
4700 PRINT"L"
4710 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"

```


FAINÉANTS ET SPÉCIALISTES DES BUGS RÉJOUISSÉZ-VOUS !

Vous êtes fatigué ? Vos doigts sont coincés sur le clavier de votre Commodore ? Hebdogiciel a pensé à vous : Achetez les programmes sur K7 !

K7 n°1 - FLY'S REVENGE
- JPL WINDOW
- LA FOLIE DE L'OR
- HORLOGE

K7 n°2 - TRON
- XERES
- MUSIQUE MACHINE
- KEY-MOUSE 64

K7 n°3 - FLOYD
- SWINGY
- LARRY CATFALL
- F-CHAR

K7 n°4 - LORRY DRIVER
- SIDERAL
- FIRE IN THE Z'GY

K7 n°5 - ROCK FALL
- DUELS
- BELOTE
- SPRITE ANIMATION

K7 n°6 - C'EST LA VIE
- SPACE
- EDIT CAR



Les prix ? Très beaux, pas cher : 25 balles la cassettes et 100 francs les 6. Et on paye le port. C'est pas beau ça ?

Adressé à : **hebdogiciel**

**24 RUE BARON
75017 PARIS**

Je désire recevoir les cassettes des programmes du spécial Commodore Hebdogiciel au prix de 25F. pièce.

NOM :
Prénom :
Adresse complète :

N°1 N°2 N°3 N°4 N°5 N°6 les 6 pour 100 F. []

TOTAL..... F.

cocher le(s) n° de(s) la K7 désirée(s)

Règlement joint : chèque [] CCP.

DUELS

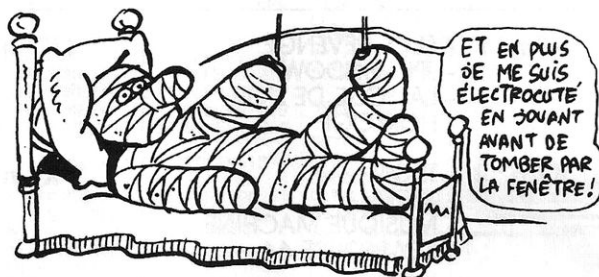
Livrez-vous à deux adversaires, au passe temps favori des savoureux cow-boys : le duel sans merci...

Gérald LIMBARD

90 POKE55,255:POKE56,47:CLR
110 :
120 :
130 DATA 0,0,0,0,4,0,0,21,0,
00,12,0,16,12,0,42,42,0,10,1
70,160,0,170,8,0,42,8,0
140 DATA 42,8,0,21,32,0,41,4
8,0,21,0,0,21,0,0,81,0,1,65,
0,1,1,0,1,1,0,1,1,64,1
150 DATA 0,84,5,0,4
160 :
170 DATA 0,0,0,0,16,0,0,84,0
,0,48,5,0,48,4,0,168,168,10,
170,160,32,170,0,32,168
180 DATA 0,32,168,0,8,84,0,1
2,104,0,0,84,0,0,84,0,0,69,0,
0,65,64,0,64,64,0,64
190 DATA 64,1,64,64,21,0,64,
16,0,80
200 :
210 DATA 0,0,0,0,16,0,0,84,0
,0,48,0,0,48,0,0,168,0,10,17
0,128,32,168,32,32,168
220 DATA 32,32,168,32,8,84,1
28,12,104,192,0,84,0,0,84,0,
0,69,0,0,65,64,0,64,64
230 DATA 0,64,64,1,64,64,21,
0,64,16,0,80
240 :
250 DATA 0,0,0,0,4,0,0,21,0,
0,12,0,0,12,0,0,42,0,2,170,1
60,8,42,8,8,42,8,8,42,8
260 DATA 2,21,32,3,41,48,0,2
1,0,0,21,0,0,81,0,1,65,0,0,1,1
,0,1,1,0,1,1,64,1,0,84
270 DATA 5,0,4
280 :
290 DATA 0,0,0,0,4,0,0,21,0,
0,12,0,0,12,0,0,42,0,2,170,1
60,8,42,8,8,42,8,8,42,8
300 DATA 2,21,32,3,41,48,0,2
1,0,0,21,0,0,17,0,0,17,0,0,8
1,0,0,65,0,0,65,0,0,65
310 DATA 0,1,69,0
320 :
330 DATA 0,0,0,0,16,0,0,84,0
,0,48,0,0,48,0,0,168,0,10,17
0,128,32,168,32,32,168
340 DATA 32,32,168,32,8,84,1
28,12,104,192,0,84,0,0,84,0,
0,68,0,0,68,0,0,69,0,0
350 DATA 65,0,0,65,0,0,65,0,
0,81,64
360 :
370 DATA 0,0,0,0,0,0,0,0,0,0,0
,0,7,0,0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0
380 DATA 0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0
390 :
392 DATA 0,0,0,0,0,0,0,0,0,2
24,0,0,0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0
394 DATA 0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0,0,0,0,0,0,0

,0,0,0,0,0,0
400 :
410 DATA 1,3,7,11,7,13,19,7,
128,192,224,208,224,176,208,
224
420 DATA 15,49,1,1,5,5,21,21
,240,76,64,64,64,80,84,21
430 DATA 129,231,153,129,231
,153,129,195,128,128,128,128
,128,128,128,128
440 DATA 0,0,0,0,0,0,0,0,1,1
,1,1,1,1,1,1,-1

231,240,12,201,234,208,3,169
,233,44,169,232,141,249
620 DATA 7,173,0,208,205,2,2
08,176,52,162,236,142,250,7,
232,142,251,7,173,248,7
625 DATA 201,231,240,18,173,
249,7,201
630 DATA 230,240,22,162,235,
142,248,7,202,142,249,7,208,
68,173,249,7,201,230
640 DATA 240,61,162,234,208,
240,162,235,142,248,7,208,50



500 :
510 DATA 169,50,205,18,208,2
08,251,173,0,220,160,0,162,0
,74,176,1,136,74,176,1
520 DATA 200,74,176,1,202,74
,176,1,232,74,144,3,169,0,44
,169,1,133,170,134,251
530 DATA 132,252,173,1,220,1
60,0,162,0,74,176,1,136,74,1
76,1,200,74,176,1,202
540 DATA 74,176,1,232,74,176
,3,169,1,44,169,0,133,180,13
4,253,132,254,165,170
545 DATA 208,18,173,0,208,16
2,2,24,101,251,202,208
550 DATA 250,201,32,144,3,14
1,0,208,165,180,208,18,173,2
,208,162,2,24,101,253
560 DATA 202,208,250,201,32,
144,3,141,2,208,165,170,208,
22,173,1,208,162,2,24
565 DATA 101,252,202,208,250
,201,58,144
570 DATA 7,201,221,176,3,141
,1,208,165,180,208,22,173,3,
208,162,2,24
580 DATA 101,254,202,208,250
,201,58,144,7,201,221,176,3,
141,3,208,165,251,208,4
590 DATA 165,252,240,23,173,
248,7,201,230,240,16,201,231
,240,12,201,234,208,3
600 DATA 169,233,44,169,232,
141,248,7,165,253,208,4,165,
254,240,23,173,249,7
610 DATA 201,230,240,16,201,

,173,248,7,162,237,142
645 DATA 250,7,202,142,251,7
,201,230,248,18,173,249,7,20
1
650 DATA 231,240,22,162,234,
142,248,7,232,142,249,7,208,
16,173,249,7,201,231
660 DATA 240,9,162,235,208,2
40,162,234,142,248,7,32,151,
224,173,21,208,41,4
670 DATA 208,60,165,170,240,
111,32,86,196,173,248,7,201,
233,240,7,201,234,240
680 DATA 3,169,231,44,169,23
0,141,248,7,173,0,208,141,4,
208,173,1,208,141,5,208
690 DATA 173,21,208,9,4,141,
21,208,165,251,133,167,208,4
,197,252,240,19,165,252
700 DATA 133,168,173,4,208,1
62,6,24,101,167,202,208,250,
201,28,176,11,173,21
710 DATA 208,41,251,141,21,2
08,24,144,29,201,255,176,241
,141,4,208,173,5,208
720 DATA 162,6,24,101,168,20
2,208,250,201,58,144,223,201
,235,176,219,141,5,208
730 DATA 173,21,208,41,8,208
,60,165,180,240,111,32,86,19
6,173,249,7,201,233
740 DATA 240,7,201,234,240,3

```

,169,231,44,169,230,141,249,
7,173,2,208,141,6,208
750 DATA 173,3,208,141,7,208
,173,21,208,9,8,141,21,208,1
65,253,133,181,208,4
760 DATA 197,254,240,19,165,
254,133,182,173,6,208,162,6,
24,101,181,202,208,250
770 DATA 201,28,176,11,173,2
1,208,41,247,141,21,208,24,1
44,29,201,255,176,241
780 DATA 141,6,208,173,7,208
,162,6,24,101,182,202,208,25
0,201,58,144,223,201
790 DATA 235,176,219,141,7,2
08
800 DATA 173,248,7,201,230,2
40,18,201,231,240,14,201,234
,208,3,169,233,44,169
810 DATA 232,141,248,7,208,1
6,166,170,208,12,201,234,208
,3,169,233,44,169,232
820 DATA 141,248,7,173,249,7
,201,230,240,18,201,231,240,
14,201,234,208,3,169
830 DATA 233,44,169,232,141,2
49,7,208,16,166,180,208,12,2
01,234,208,3,169,233,44
840 DATA 169,232,141,249,7,1
69,250,205,18,208,208,251,17
3,30,208,133,169,173,31
850 DATA 208,133,2,41,1,240,
31,162,6,173,0,208,56,229,25
1,202,208,250,141,0,208
860 DATA 162,6,173,1,208,56,
229,252,202,208,250,141,1,20
8,32,129,196,165,2,41
870 DATA 2,240,31,162,6,173,
2,208,56,229,253,202,208,250
,141,2,208,162,6,173,3
880 DATA 208,56,229,254,202,
208,250,141,3,208,32,129,196
,165,2,41,4,240,95,165
890 DATA 167,240,11,1201,1,24
0,3,169,1,44,169,255,133,167
,165,168,240,11,201,1
900 DATA 240,3,169,1,44,169,2
55,133,168,169,0,197,167,240
,231,197,168,240,242
910 DATA 165,141,201,85,176,
6,169,0,133,168,240,17,201,1
70,176,13,165,168,201,1
920 DATA 240,3,169,1,44,169,
255,133,168,173,4,208,162,9,
24,101,167,202,208,250
930 DATA 201,32,176,13,173,2
1,208,41,251,141,21,208,24,1
44,34,240,32,201,255
940 DATA 176,239,141,4,208,1
73,5,208,162,9,24,101,168,20
2,208,250,201,58,144
950 DATA 221,201,220,176,217
,141,5,208,32,129,196,165,2,
41,8,240,95,165,181
952 DATA 240,11,201,1,240,3,
169,1,44,169,255,133,181,165
,182,240,11,201,1,240,3
954 DATA 169,1,44,169,255,13
3,182,169,0,197,181,240,231,
197,182,240,242,165,141
956 DATA 201,85,176,6,169,0,
133,181,240,17,201,170,176,1
3,165,182,201,1,240,3
958 DATA 169,1,44,169,255,13
3,182,173,6,208,162,9,24,101
,181,202,208,250,201,32
960 DATA 176,13,173,21,208,4
1,247,141,21,208,24,144,34,2
40,32,201,255,176,239

```

```

962 DATA 141,6,208,173,7,208
,162,9,24,101,182,202,208,25
0,201,58,144,221,201
964 DATA 220,176,217,141,7,2
08,32,129,196,165,169,41,4,2
08,9,165,169,41,8,208
966 DATA 3,76,0,192,165,169,
201,12,240,247,165,169,41,3,
201,3,240,10,201,1,208
968 DATA 3,169,1,44,169,2,44

```

```

9,0
1070 POKEV+39,2:POKEV+40,6:P
OKEV+41,0:P:POKEV+42,0
1080 POKEV,32:POKEV+1,130:PO
KEV+2,250:POKEV+3,130:POKEV+
4,32:POKEV+5,130
1090 CS$="#####
#####
#####"
1100 TT$=CS$+"#####
#####
#####"

```

DEULIGNE



DE LA
DISCUSSION
DAILLISSENT
LES COUPS
DE POINGS
(PROVERBE
REALISTE)

Maintenant, vous pouvez écouter votre chanteur préféré sur le magnéto de votre Commodore, qui, rappelez le, n'en était pas vraiment capable...

```

1 FORI=0TO20:READA:POK
E49152+I,A:NEXT:SVS491
52
2 DATA173,142,2,208,15
,173,13,220,41,16,240,
2,169,15,141,24,212,76
,0,192,96

```

```

,169,3,133,183,96,160,0,169,
34,145,251,200,208,251
970 DATA 230,252,165,252,201
17,208,239,160,0,169,34,145,
251,200,192,232,208,249
980 DATA 96,162,15,142,24,21
2,169,129,141,4,212,169,15,1
41,5,212,169,40,141,1
982 DATA 212,169,200,141,0,2
12,160,255,234,136,208,252,2
02,208,224,169,0,141,4
984 DATA 212,141,5,212,96,16
9,15,141,24,212,169,33,141,4
,212,169,190,141,5,212
990 DATA 160,255,234,169,34,
141,1,212,169,75,141,0,212,1
36,208,342,160,255,234
992 DATA 136,208,252,169,0,1
41,1,212,141,0,212,141,4,212
,141,24,212,96,-1
999 :
1000 :
1010 V=53248:PRINT"J":GOSUB2
000:SI=14720:CO=0
1020 FORA=SITOSI+(64*7)STEP6
4
1030 FORB=0TO62:READC:POKER+
B,C:NEXTB,A
1040 POKE2040,232:POKE2041,2
33:POKE2042,236:POKE2043,237
1050 POKEV+37,0:POKEV+38,1:P
OKEV+28,3:POKEV+23,0:POKEV+2

```

```

1110 POKE56334,PEEK(56334)AN
D254
1120 POKE1,PEEK(1)AND251
1130 A1=53248:A2=12288
1140 FORB=A1TOA1+60*8:POKER2
,PEEK(B):A2=A2+1:NEXTB
1150 POKE1,PEEK(1)OR4
1160 POKE56334,PEEK(56334)OR
1
1170 A3=12496
1180 READB:IFB<>-1THENPOKER3
,B:A3=A3+1:GOTO1180
1190 POKEV+34,9
1210 A=49152
1220 READB:IFB<>-1THENPOKER4
,B:A=A+1:GOTO1220
1230 V0=54296:V1=54286:V2=V1
+1
1240 POKEV0,15:POKE183,0:POK
EV1,0:POKEV2,0:POKE169,0:POK
E170,0:POKE180,0
1250 POKEV+30,0:POKEV+31,0
1260 FORA=12288+34*8TO12288+
(35*8)-1:POKER,0:NEXT
1280 FORA=15232TO15294:POKER
,0:NEXT
1290 :
1300 PRINT"#####":POKE198,0
1305 PRINT"#####ATTENTION#####: PL
US LA VITESSE DE D
EPLACEMENT EST GRANDE"
1308 PRINT"MOINS LES 'S' SONT
S ET FANTOMES"
TANGIBLES!!!"
1309 PRINT:PRINT
1310 PRINT"VITESSE DES TIRES
(1-12)":INPUTV:IFV<10RV1>
12THENPRINT"J":GOTO1310
-
1320 PRINT
1330 PRINT"VITESSE DES JOUEU
RS (1-12)":INPUTVJ
1340 IF VJ<10R VJ>12 THENPR
INT"J":GOTO1330
1350 POKE49575,VT:POKE49608,
VT:POKE49697,VT:POKE49730,VT
1360 VS=INT(VT*1,5):POKE4999
8,VS:POKE50033,VS:POKE50133,
VS:POKE50168,VS

```



DUELS

```

1370 POKE49241,VJ:POKE49263,
VJ:POKE49285,VJ:POKE49311,VJ
1380 VP=INT(VJ#1.5):POKE4985
2,VP:POKE49866,VP:POKE49889,
VP:POKE49903,VP
1390 POKEV+22,PEEK(V+22)OR16
1500 :
1510 PRINT"J":POKEV+24,28:PO
KEV+30,0:POKEV+31,0:POKE170,
0:POKE180,0:CO=1
1515 POKE167,0:POKE168,0:POK
E181,0:POKE182,0:POKE169,0:P
OKE2,0:POKE183,0
1516 POKE251,0:POKE252,4:SYS
50233:POKE2040,232:POKE2041,
233
1518 FORA=15232T015294:POKER
,INT(RND(1)*254)+1:NEXT
1520 FORA=1024T01056:POKER,3
0:POKER+54272,0:NEXT:POKEV+2
1,3
1525 POKEV,32:POKEV+1,130:PO
KEV+2,250:POKEV+3,130
1530 FORA=1064T01944STEP40:P
OKER,31:POKER+54272,0:POKER+
32,33
1540 POKER+32+54272,0:NEXT
1550 FORA=1984T02016:POKER,3
0:POKER+54272,0:NEXT
1560 PRINTT$:PRINT:PRINT
1570 PRINTTAB(33)"$JOUEUR":P
RINTTAB(33)"BLEU":PRINTTAB
(33)JB
1580 PRINT
1590 PRINTTAB(33)"$JOUEUR":P
RINTTAB(33)"ROUGE":PRINTTAB
(33)JR
1600 :
1610 A=1228
1615 FORB=ATOA+24:POKEB,32:N
EXT:A=A+40:IFA(1824GOTO1615
1618 RA=INT(RND(1)*998)+1024
:IFRA(1224ORRA)1812GOTO1618:
POKEV+31,0
1620 IFPEEK(RA)<>32ORPEEK(RA
+1)<>32ORPEEK(RA+40)<>32ORPE
EK(RA+41)<>32GOTO1618
1650 POKERA,26:POKERA+54272,
5:POKERA+1,27:POKERA+1+54272
,13:POKERA+40,28
1660 POKERA+40+54272,13:POKE
RA+41,29:POKERA+41+54272,13
1690 CO=CO+1:IFCO(15GOTO1618
1700 :
1710 SYS49152
1720 IFPEEK(183)=160T01790
1730 IFPEEK(183)=260T01810
1740 GOTO1780
1750 POKEVD,15:POKEV1+5,0:PO
KEV1+6,240:POKEV1+4,129:POKE
V1,200:POKEV2,40
1760 FORWA=1T0100:NEXT:POKEV
+21,3:POKEV1,0:POKEV2,0:POKE
VD,0:RETURN
1770 :
1780 GOSUB1750:GOSUB2120:JB=
JB+10:IFJB=100THENFORA=1T015
00:NEXT:GOTO1840
1790 IFPEEK(183)<>3THEN1510
1800 :
1810 GOSUB1750:GOSUB2120:JR=
JR+10:IFJR=100THENFORA=1T015
00:NEXT:GOTO1840
1820 GOTO1510
1830 :
1840 PRINT"J":POKEV+21,3:POK
EV+23,3:POKEV+29,3:FORA=1T01
0:PRINT:NEXT
1845 POKEV,32:POKEV+1,130:PO
KEV+2,250:POKEV+3,130:POKEV+
24,21
1850 PRINTTAB(10)"UNE AUTRE
PARTIE?":PRINTTAB(12)"( O/
N )"
1860 GETR$:IFR$=""OR(R$<0)
ANDR$<>"N")GOTO1860
1865 IFR$<>"0"THENEND
1870 POKEV+23,0:POKEV+29,0:P
OKEV+21,0:JR=0:JB=0:POKE5327
0,PEEK(53270)AND239
1880 GOTO1300
1990 :
2000 POKE53281,13:POKE53280,
5:PRINT"MTAB(13)"** D U E L
S **":PRINT:PRINT
2010 PRINT"L'ACTION DE CETTE
ETRANGE HISTOIRE SE SITUE
DANS UNE FORET ";
2020 PRINT"MYSTERIEUSE.":PRI
NT:PRINT"LA, DEUX HOMMES S'A
FFRONTENT:"
2030 PRINT"POUR QUELS MOTIFS
,DANS QUEL BUT? NUL NE LE SA
IT!!!"
2040 PRINT"LES BALLE$ REBO
NDISSENT DE FACON MYSTE
RIEUSE SUR LES SAPINS!"
2050 PRINT:PRINT"CES DEUX HO
MMES SERAIENT ILS DES
FANTOMES, OUI PEUT LE";
2060 PRINT" DIRE.":PRINT:PRI
NT"UNE SEULE CHOSE EST SURE:
"
2070 PRINT"IL VOUS FAUDRA TO
US VOTRE COURAGE POUR SURVI
VRE A CE $DUEL."
2080 PRINT:PRINT:PRINT:PRINT
TAB(12)"UN INSTANT S.V.P"
2090 RETURN
2100 :
2120 IFPEEK(183)=2THEN2140
2125 IFPEEK(183)=3THEN2150
2130 POKE2040,238:FORA=15232
T015296:POKER,0:FORB=1T020:N
EXTB,A:POKEV+21,0:RETURN
2140 POKE2041,238:FORA=15232
T015296:POKER,0:FORB=1T020:N
EXTB,A:POKEV+21,0:RETURN
2150 POKE2040,238:POKE2041,2
38:FORA=15232T015296:POKER,0
:FORB=1T020:NEXTB,A
2160 POKEV+21,0:RETURN

```



...listing 1...

```

10 REM ROCK FALL 1 M/C ET GR
APHIQUES
11 REM *** MAXIME FRENOT (C)
1985 **
500 AD=12288:X=0
510 READA:IFA=-1THEN600
520 POKERAD+X,A:X=X+1:GOTO510
600 AD=49152:X=0
610 READA:IFA=-1THEN600
630 POKERAD+X,A:X=X+1:GOTO610
1000 DATA60,102,110,110,96,9

```

Malgré la menace certaine que représentent les éboulis instables, tentez de récupérer les diamants ensevelis dans une mine désaffectée.

Mode d'emploi :

Tapez et sauvegardez à la suite ces deux programmes. Le lancement du premier, charge et lance automatiquement le programme principal. Les règles sont incluses.

Maxime FRENOT

```

,102,0
1006 DATA96,96,96,96,96,96,1
26,0,99,119,127,107,99,99,99
,0
1007 DATA102,118,126,126,110
,102,102,0,60,102,102,102,10
2,102,60,0
1008 DATA124,102,102,124,96,
96,96,0,60,102,102,102,102,6
0,14,0
1009 DATA124,102,102,124,120
,108,102,0,60,102,96,60,6,10
2,60,0
8,60,0,24,60,102,126,102,102
,102,0
1001 DATA124,102,102,124,102
,102,124,0,60,102,96,96,96,1
02,60,0
1002 DATA120,108,102,102,102
,108,120,0,126,96,96,120,96,
96,126,0
1003 DATA126,96,96,120,96,96
,96,0,60,102,96,110,102,102,
60,0
1004 DATA102,102,102,126,102
,102,102,0,60,24,24,24,24,24
,60,0
1005 DATA30,12,12,12,12,108,
56,0,102,108,120,112,120,108

```



```

10094 DATAWCGRRRNNNNNNNNNNNGG
W
10095 DATAWCGGGDDDDGGGGDDGGG
W
10096 DATAWCGGRRNNNNNNNNNNNGG
W
10097 DATAWCGRGWRGGGGGGRRRG
W
10098 DATAWRDRGRWGGGGRRRG
W
10099 DATAWRDRGRWRRRRRRGGRG
W
10100 DATAWRRCGRWGGGGGGGGGG
W
10101 :
10110 DATAWCGGGGGGGGGGGGGGGGG
W
10111 DATAWCGGGGGGRDRGGGGGGR
W
10112 DATAWCGRRNNNNNNNNNNNGG
W
10113 DATAWGRGRNRRCGRRDWGDGR
W
10114 DATAWRRCRWGRGGRRGWGGD
W
10115 DATAWRGRWGGGGGGGGGGGG
W
10116 DATAWRGDGWGRGWGWGGRG
W
10117 DATAWRGDGGWGDWGGDGRRG
W
10118 DATAWGDWNNNNNNNNNNNRG
W
10119 DATAWCGRRRWNRGRGGD
W
10120 DATAWGGGGGGGGGGGGGGGG
W
10121 :
10120 DATAWCGGGGGGGGGGGGGGG
W
10121 DATAWCGGRRRRRDRGGGGGRR
W
10122 DATAWGGGGGGRRRRRGGGGG
W

```



```

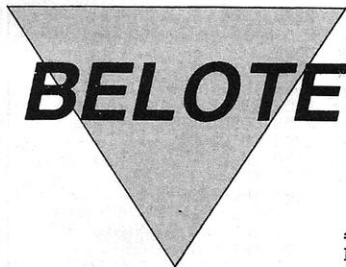
10123 DATAWRGRRRRRGRRRRRGGR
W
10124 DATAWRGGGGGGGGGGGGGGGG
W
10125 DATAWRNNNNNNNNNNNNNGG
W
10126 DATAWRGGGGGGGGGGRRDGD
W
10127 DATAWDDGRGGGGGGGGRRGD
W
10128 DATAWNRGGNNNNGGRRRRRW
W
10129 DATAWDRGGWDDGGGGGGDGR
W
10140 :
10150 DATAWCGGGGGGGGGGGGGGGGG
W
10151 DATAWGGGGGGGGGGGGGGGGGG
W
10152 DATAWNNNNNNNNNNNNNNNGG
W

```

```

10153 DATAWRRRRRRRRRRWGGGGG
W
10154 DATAWCGRRGRGRRRRRRGW
W
10155 DATAWDDGGGGGGGGGGGGGG
W
10156 DATAWCGRRGGGGGGGGGGGG
W
10157 DATAWGRDRRRRRRRRRGGW
W
10158 DATAWDRRRRRRRRRRRDDW
W
10159 DATAWNNNNNNNNNNNNNNNGG
W
10160 DATAWCGGGGGGGGGGGGGGGGG
W
10161 :
10170 DATAWCGGGGGGGGGGGGGGGGG
W
10171 DATAWGGGGGGGGGGGGGGGGGG
W
10172 DATAWRGGGGGGGGGGGGGGGG
W
10173 DATAWGGGGGGGGGGRRRRGGG
W
10174 DATAWRGGGGGGGGGGGGGGGG
W
10175 DATAWGRGGGGGGGGGGGGGGGG
W
10176 DATAWCGRRRRRRRRRRRRD
W
10177 DATAWGGGGGGGGGGGGGGGGGG
W
10178 DATAWDDGGGGGGGGGGGGGGGG
W
10179 DATAWDRGGGGGGGGGGGGGGGG
W
10180 DATAWCGRRGGGGGGGGGGGGGG
W
10190 REM*****
*

```



Rien de tel qu'une bonne partie de belote contre sa machine, pour se détendre des batailles spatiales et autres divertissements belliqueux...

Thierry MOREL

```

1 POKE53280:0:POKE53281,5
2 GOSUB14500
9 DIMA$(33),A1(16),A2(16),C$(33),VA(33),Z1(15)
10 FORI=1TO33:READA$(I):C$(I)="":NEXT:00=1:CU=0:S0=0:SJ=0:VY=1:T3=1:BE=0:E1=0
11 FORI=1TO4:AT(I)=0:NEXT:BL=0:00=1:CA=0:PP=0:Z=0
12 P$(1)="":P$(2)="":P$(3)=P$(2)+P$(4)=P$(3)+P$(5)=P$(1)+P$(6)

```

```

=P$(2)+P$(7)=P$(3)+P$(8)=P$(4)+P$(9)=0$:="":FORI=1TO8:READY
16 VA(I)=V:VA(8+I)=V:VA(16+I)=V:VA(24+I)=V:NEXT
20 PRINT"CB":B=1
30 A$="":
35 AA$="":
50 PRINT" ":FORI=1TO4
51 IFI=1THEN54
52 IFI=3THENPRINT" ":GO TO54
53 PRINT" "
54 FORJ=1TO4
55 PRINTAA$:

```

```

56 NEXTJ,I
70 PRINT" "
71 PRINT" "
72 PRINT" "
73 PRINT" "
74 PRINT" CBM 64 "
75 PRINT" "
76 PRINT" ";NEXTI

```



```

HENCA=VO(Z):RETURN
4240 FORI=1TOZ
4245 IFA1(I)>32THEN4260
4250 IFVA(A1(I))<VA(VO(I))THENC
A=VO(I):GOSUB13500:RETURN
4260 NEXTI
4270 CA=VO(Z):RETURN
4280 IFC1(X)=1THENFORI=1TO8:
IFA1(I)=EANDR1(I)<FTHENCA=
R1(I):GOSUB13500:RETURN
4285 IFC1(X)=1THENNEXTI

```

```

7010 IFCR(A1(I))THEN7050
7040 PRINTP$(I):"!!"A#$
7050 NEXTI:RETURN
7500 FORI=1TO8
7510 IFA2(AR)>A2(I)THEN7550
7530 PRINTP$(I)+0$:"!!"A#$
7550 NEXTI:RETURN
7600 U=0:T=0:FORI=1TO8
7620 IFA1(I)=CATHENA(I)=A1(
I+8):A1(I+8)=3:PRINTP$(I)+"
!!"A#$:"!!"A$(A1(I))

```

```

8620 FORI=1TO8:IFA1(I)=33THE
N8640
8630 IFVA(A1(I))<15THENCA=R1
(I):RETURN
8640 NEXTI
8641 FORI=1TO8:IFA1(I)=33THE
N8643
8642 IFVA(A1(I))<21THENCA=R1
(I):RETURN
8643 NEXTI
8670 NNNNN
9000 FORI=0TO3:C(I)=0:NEXT
9010 FORI=1TO8
9500 FORI=0TO3:C1(I)=0:NEXT:
FORI=1TO8
9510 IFA2(I)<9THENC1(0)=C1(0
)+1
9515 IFA2(I)>8ANDR2(I)<17THE
NC1(I)=C1(I)+1
9529 IFA2(I)>16ANDR2(I)<25TH
ENC1(2)=C1(2)+1
9530 IFA2(I)>24ANDR2(I)<32TH
ENC1(3)=C1(3)+1
9540 NEXT:RETURN
10000 DATA"#####"
"#####"
"#####"
"#####"
"#####"
10010 DATA"#####"
"#####"
"#####"
"#####"
"#####"
10020 DATA"#####"
"#####"
"#####"
"#####"
"#####"
10030 DATA"#####"
"#####"
"#####"
"#####"
"#####"
10040 DATA"#####"
"#####"
"#####"
"#####"
"#####"
10050 DATA"#####"
"#####"
"#####"
"#####"
"#####"
10060 DATA"#####"
"#####"
"#####"
"#####"
"#####"
10070 DATA"#####"
"#####"
"#####"
"#####"
"#####"
10075 DATA"#####"
"#####"
"#####"
"#####"
"#####"
10080 DATA0.7,0.8,0.9,10.2,3
,4,11
11000 A1(1)=4:A1(2)=5:A1(3)=
3:A1(4)=32:A1(5)=25:A1(6)=28
:A1(7)=21:A1(8)=1
11010 A1(9)=26:A1(10)=6:A1(1
1)=21:A1(12)=20:A1(13)=1:A1(
14)=29:A1(15)=14
11020 A1(16)=15
11030 A2(1)=2:A2(2)=8:A2(3)=
11:A2(4)=17:A2(5)=18:A2(6)=1
4:A2(7)=16:A2(8)=7
11040 A2(9)=7:A2(10)=23:A2(1
1)=27:A2(12)=28:A2(13)=25:A2
(14)=9:A2(15)=12
11050 A2(16)=19:RETURN
11500 REM ***** ANNOUNCE **
*****
11501 FORI=1TO4:AR(I)=0:NEXT
11505 FORI=1TO8:Z1(I)=A1(I):
NEXT:GOSUB12700:PP(1)=AN:AN=
0
11506 FORI=1TO8:Z1(I)=A2(I):
NEXT:GOSUB12700:PP(2)=AN:AN=
0

```

520 COMPLÉTEZ LA PHRASE DE LA GRENOUILLE
 AU PRINTEMPS, LES GRENOUILLES
 ONT MAL AUX.....



SOLUTION : AUX REINS, À CAUSE DE L'HUMIDITÉ.

```

4290 FORI=1TO8
4291 IFA1(I)<EORR1(I)>FTHEN4
340
4300 IFVA(A1(I))=14THENFORJ=
1TO8:IFVA(A2(J))=20ANDC(X)=2
THENCA=R1(I):RETURN
4305 IFVA(A1(I))=14THENNEXT
4310 IFVA(A1(I))=11THENFORJ=
1TO8:IFVA(A2(J))=20ANDC(X)<3
THENCA=R1(I):RETURN
4315 IFVA(A1(I))=11THENNEXT
4320 IFVA(A1(I))=11THENFORJ=
1TO8:IFVA(A1(J))=20THENCA=R1
(I):RETURN
4325 IFVA(A1(I))=11THENNEXT
4340 NEXTI:GOSUB5500:RETURN
5000 FORI=1TO8
5010 FORJ=1TO8
5020 IFA1(I)<EANDR1(I)>FTHEN
5520
5040 NEXT:NEXT
5050 CA=PP:RETURN
5500 CM=25:FORI=1TO8
5520 IFA1(I)<EORR1(I)>FTHEN5
530
5521 IFA1(I)=33THEN5530
5525 IFVA(A1(I))<CMTHENCM=VA
(A1(I)):CA=R1(I)
5530 NEXT:TA=1:RETURN
7000 IFE1=1THENIFCA=6+X*8THE
NPRINT"#####
#####RELOTE"
7001 IFE1=1THENIFCA=6+X*8THE
NFORI=1TO1500:NEXT
7002 IFE1=1THENIFCA=6+X*8THE
NPRINT"#####
#####RELOTE"
7005 IFE1=1THENIFCA=7+X*8THE
NPRINT"#####
#####RELOTE"
7006 IFE1=1THENIFCA=7+X*8THE
NFORI=1TO1500:NEXT
7007 IFE1=1THENIFCA=7+X*8THE
NPRINT"#####
#####RELOTE"
7009 FORI=1TO8

```

```

7640 IFA2(I)>A2(AR)THEN7660
7650 A2(I)=A2(I+8):A2(I+8)=3
3:PRINTP$(I)+0$:"!!"A#$:"!!"
A$(A2(AR))
7660 NEXTI:RETURN
8000 IFCR9THENY=0:EE=1:FF=8
9010 IFCR>9ANDCR<17THENY=1:E
E=9:FF=16
9020 IFCR>16ANDCR<25THENY=2:
EE=17:FF=24
9040 RETURN
8500 FORI=1TO8:IFA1(I)=33THE
N8506
8501 IFVA(A1(I))>11THEN8506
8502 IFA1(I)<9ANDC1(0)=0THEN
CA=R1(I):RETURN
8503 IFA1(I)<17ANDC1(1)=0THE
NCA=R1(I):RETURN
8504 IFA1(I)<25ANDC1(2)=0THE
NCA=R1(I):RETURN
8505 IFA1(I)<32ANDC1(3)=0THE
NCA=R1(I):RETURN
8506 NEXT
8509 FORI=1TO8:IFA1(I)=33THE
N8520
8510 IFVA(A1(I))<11THENCA=R1
(I):RETURN
8520 NEXTI
8530 FORI=1TO8:IFA1(I)=33THE
N8550
8540 IFVA(A1(I))<3THENCA=R1
(I):RETURN
8550 NEXTI
8560 FORI=1TO8:IFA1(I)=33THE
N8580
8570 IFVA(A1(I))<5THENCA=R1
(I):RETURN
8580 NEXTI
8590 FORI=1TO8:IFA1(I)=33THE
N8610
8600 IFVA(A1(I))<11THENCA=R1
(I):RETURN
8610 NEXTI

```

```

11507 FORI=1T08:Z1(I)=0:NEXT
11510 T1=0:FORI=1T08:Z(I)=A1
(I):NEXT:0=1:GOSUB11700:X1=0
:X2=0:X3=0:X4=0:AN(1)=TT
11515 FORI=1T04:T1=T1+AR(I):
NEXT:FORI=1T04:AR(I)=0:NEXT
11516 FORI=1T08:Z(I)=A2(I):N
EXT:0=2:GOSUB11700:X1=0:X2=0
:X3=0:X4=0:AN(2)=TT
11519 FORI=1T04:T2=T2+AR(I):
NEXT:FORI=1T04:AR(I)=0:NEXT:
FORI=1T08:Z(I)=0:NEXT
11520 IFPP(1)=0ANDPP(2)=0AND
T1=0ANDT2=0THENB$="NOUS AVON
S":GOTO11555
11521 IFPP(1)=0ANDPP(2)=0THE
N11524
11522 IFPP(1)>PP(2)THENB$="J
'AI " :S0=S0+PP(1)+T1:I
=1:TT(1)=S0:GOTO11555
11523 IFPP(2)>PP(1)THENB$="V
OUS AVEZ " :SJ=SJ+PP(2)+T2:
I=2:TT(2)=SJ:GOTO11555
11524 IFAN(2)>AN(1)THEN1153
0
11525 IFAN(2)=AN(1)THENGOSUB
12600
11526 IFAR(1)>AR(2)THENAN(1)
=100:AN(2)=1
11528 IFAR(2)>AR(1)THENAN(2)
=100:AN(1)=1
11530 IFAN(1)>AN(2)THENB$="J
'AI " :S0=S0+T1:I=1:TT(1)
)=T1
11540 IFAN(2)>AN(1)THENFORI=
1T04:T2=T2+AR(I):NEXT:B$="VO
US AVEZ " :SJ=SJ+T2:I=2
11545 IFAN(2)>AN(1)THENTT(1)
=T2
11550 REM IFTT(1)=0ANDTT(2)=
0THENRETURN
11555 PRINT "#####
#####
#####"
11560 PRINT "#####
#####
#####"
11570 FORI=1T03000:NEXT:PRIN
T"#####
#####
#####"
11580 PRINT"#####
#####
#####"
11660 RETURN
11700 FORI=1T08
11710 IFZ(I)<9THENX1=X1+1:CH
(X1)=Z(I)
11720 IFZ(I)>8ANDZ(I)<17THEN
X2=X2+1:CA(X2)=Z(I)
11730 IFZ(I)>16ANDZ(I)<25THE
NX3=X3+1:PI(X3)=Z(I)
11740 IFZ(I)>24THENX4=X4+1:T
R(X4)=Z(I)
11750 NEXT
11760 A=X1:FORI=1T08:Z1(I)=C
H(I):NEXT:GOSUB11900:AR(1)=V
B:VB=0
11770 A=X2:FORI=1T08:Z1(I)=C
A(I):NEXT:GOSUB11900:AR(2)=V
B:VB=0
11780 A=X3:FORI=1T08:Z1(I)=P
I(I):NEXT:GOSUB11900:AR(3)=V
B:VB=0
11790 A=X4:FORI=1T08:Z1(I)=T
R(I):NEXT:GOSUB11900:AR(4)=V
B:VB=0
11795 TT=0:FORI=1T04
11796 IFAR(I)>TTTHENTT=AR(I)
11797 NEXT
11900 RETURN
11900 IFAC3THENRETURN

```

```

11902 AN=0:GOSUB12500:VB=0
11905 FORI=1T0A-1
11920 IFZ1(I)+1<Z1(I+1)THEN
12000
11930 IFZ1(I)+2<Z1(I+2)THEN
12000
11932 IFVB>20THEN12000
11935 VB=20
11936 CO(0)=Z1(I):FORJ=1T0A
11937 IFVB>AR(J)THENTT=VB
11938 NEXTJ
11940 IFZ1(I)+3<Z1(I+3)THEN
12000
11944 IFVB>50THEN12000
11945 VB=50
11946 FORJ=1T0A
11947 IFVB>AR(J)THENTT=VB
11948 NEXTJ
11949 CO(0)=Z1(I)
11950 IFZ1(I)+4<Z1(I+4)THEN
12000
11955 VB=100
11956 FORJ=1T0A
11957 IFVB>AR(J)THENTT=VB
11958 NEXTJ
11959 CO(0)=Z1(I)
11960 IFZ1(I)+5<Z1(I+5)THEN
12000
11970 IFZ1(I)+6<Z1(I+6)THEN
12000
11980 IFZ1(I)+7<Z1(I+7)THEN
12000
12000 NEXTI
12010 RETURN
12500 REM *****CLASSEMENT DE
S CARTES **
12510 FORI=1T0A-1
12520 FORJ=I+1T0A
12530 IFZ1(I)<Z1(J)THEN12550
12540 A1=Z1(I):Z1(I)=Z1(J):Z
1(J)=A1
12550 NEXTJ:I:RETURN
12600 FORJ=1T02
12610 FORI=0T03
12615 IFCO(J)-8*I<9ANDCO(J)-
9*I>0THENHAR(J)=CO(J)-8*I
12620 NEXTI,J:RETURN

```

```

850
12700 FORH=J+1T08
12790 IFZ1(I)+16<Z1(H)THEN1
2900
12800 FORHI=H+1T08
12810 IFZ1(I)+24<Z1(HI)THEN
12870
12820 IFZ1(I)=40RZ1(I)=60RZ1
(I)=7THENAN=100
12830 IFZ1(I)=30RZ1(I)=8THEN
AN=150
12840 IFZ1(I)=5THENAN=200
12850 NEXTJ,I:RETURN
12860 NEXTH,J,I:RETURN
12870 NEXTHI,H,J,I:RETURN
13000 FORI=1T08
13010 IFA1(I)=6+X*8THENB=1:
GOTO13020
13015 IFA1(I)=7+X*8THEN13020
13016 GOTO13040
13020 IFB=1ANDR1(I)=7+X*8TH
ENSO=S0+20:E1=1:RETURN
13040 NEXTI
13050 FORI=1T08
13060 IFA2(I)=6+X*8THENB=1:
GOTO13070
13065 IFA2(I)=7+X*8THEN13070
13066 GOTO13090
13070 IFB=1ANDR2(I)=7+X*8TH
ENSI=SJ+20:E1=1:RETURN
13090 NEXTI
13100 RETURN
13500 AA=EE:BB=FF
13505 FORI=1T08
13510 IFA1(I)<AORR1(I)>BTH
EN13540
13520 IFVA(CR)>VR(A1(I))THEN
13540
13530 CA=A1(I)
13540 NEXTI:RETURN
13600 FORI=0T03:C(I)=0:NEXT:
FORI=1T08
13601 IFA1(I)>9THENC(0)=C(0)
+1
13602 IFA1(I)>8ANDR1(I)<17TH
ENC(1)=C(1)+1
13603 IFA1(I)>16ANDR1(I)<25T

```

LA BITE RUDE EST
UNE SECONDE
NATTE
DURE!



DEULIGNE

La maladie de Parkinson n'étant pas contagieuse, continuez à entrer vos programmes sans aucun risque, après avoir tapé ce deuligne, bien entendu.

0 FORA=0T019:READQ:POK
E49201+A,Q:NEXT:POKE56
334,Q:POKE789,192:POKE
56334,1
1 DATA173,22,208,41,24
8,133,251,165,205,41,7
,24,101,251,141,22,208
,76,49,234

```

12700 FORI=1T07
12710 FORJ=I+1T08
12720 IFZ1(I)<Z1(J)THEN12740
12730 0=Z1(I):Z1(I)=Z1(J):Z1
(J)=0
12740 NEXTJ,I
12750 FORI=1T05
12760 FORJ=I+1T08
12770 IFZ1(I)+9<Z1(J)THEN12

```

```

HENC(2)=C(2)+1
13604 IFA1(I)>32THEN4007
13605 IFA1(I)>24THENC(3)=C(3)
+1
13606 NEXT

```



```

105 DIMCB(2):DIMCH(2):DIMAC(2)
):DIMD(2):DIMS(2):DIMR(2):DI
MF(2)
106 Z=1
107 FORI=0TO2:F(I)=33:D(I)=1
0:NEXT
108 FORI=0TO14STEP7:POKE5427
7+I,9:POKE54278+I,0
109 POKE54275+I,0:POKE54274+
I,0:NEXT:POKE54277,10
110 POKE147,33:POKE247,33:PO
KE249,33:POKE155,32:POKE248,
32:POKE250,32
115 PRINT"VOIX MARINEZ CHEZ
VOIX HARENGS":GOT
0130
120 X=14+10*V:POKE211,X:POKE
214,Y:SYS58732:RETURN
130 PRINT:PRINT," VOIX
MARINEZ CHEZ VOIX HARENGS"

```

```

1000 F(V)=F(V)+Z:F(V)=F(V)AN
D3
1020 Y=4:N=21F(V)*16+1:GOSUB
120:PRINT"VOIX MARINEZ CHEZ
VOIX HARENGS";N:JY=0
1030 IFV=0THENPOKE147,N:POKE
155,N-1
1040 IFV=1THENPOKE247,N:POKE
248,N-1
1050 IFV=2THENPOKE249,N:POKE

```

```

CUNE DES TROIS VOIX"
7050 PRINT"PAR SIMPLE ACTION
SUR LES TOUCHES"
7060 PRINT"QUI VOUS SONT IND
IQUEES EN VIDEO INVERSE"
7080 PRINT" LA SELECTION DE
[+] PERMET UNE"
7090 PRINT"EVOLUTION CROISSA
NTE DES PARAMETRES"
7100 PRINT" LA SELECTION DE
[-] PERMET UNE"
7110 PRINT"EVOLUTION DECROIS
SANTE DES PARAMETRES"
7120 PRINT"BARRE ES
PACE POUR LA SUITE"
7130 GETA$:IFA$=""THEN7130
7140 GOTO100
9000 REM *** CHRGT DES DATAS
****
9005 PRINT"UN INSTANT
SVP"

```

VOUA
L'AUTRE!
IL EST
NUL,
LUI HE



```

3000
140 PRINT"ONDE","
33"," 33"," 33":PRI
NT
150 PRINT"CYCLE","
0"," 0"," 0":PRIN
T"(0-4095)"
160 PRINT"
170 PRINT"ATTIQUE","
0"," 0"," 0":PRINT"
(0-15)"
180 PRINT"ESCENTE","
10"," 9"," 9":PRI
NT"(0-15)"
190 PRINT"OUTIEN","
0"," 0"," 0":PRINT
"(0-15)"
200 PRINT"ELAXATION","
0"," 0"," 0":PR
INT"(0-15)"
300 JY=PEEK(203)
304 IFJY=40THENZ=+1:POKE5529
7,7:POKE55299,12:GOTO300
305 IFJY=43THENZ=-1:POKE5529
7,12:POKE55299,7:GOTO300
310 IFJY=56 THENV=0:POKE5539
3,7:POKE55403,12:POKE55413,
12:GOTO300
320 IFJY=59 THENV=1:POKE5539
3,12:POKE55403,7:POKE55413,
12:GOTO300
330 IFJY=0 THENV=2:POKE5539
3,12:POKE55403,12:POKE55413,
7:GOTO300
400 IFJY=21THENPOKE55456,7:G
OTO1000
410 IFJY=20THENPOKE55576,7:G
OTO2000
420 IFJY=10THENPOKE55776,7:G
OTO3000
430 IFJY=18THENPOKE55896,7:G
OTO4000
440 IFJY=13THENPOKE56016,7:G
OTO5000
450 IFJY=17THENPOKE56136,7:G
OTO6000
460 IFJY=57THENPOKE54296,15:
SYS49152
999 GOTO3000

```

```

250,N-1
1999 POKE55456,12:GOTO300
2000 CB(V)=CB(V)+16*Z:CB(V)=
CB(V)AND255
2010 IFCB(V)=0THENCH(V)=CH(V
)+Z:CH(V)=CH(V)AND15
2020 POKE54275+V*7,CH(V):POK
E54274+V*7,CB(V)
2030 Y=7:N=CH(V)*256+CB(V):G
OSUB120:PRINT"VOIX MARINEZ CHEZ
VOIX HARENGS";N:JY=0
2999 POKE55576,12:GOTO300
3000 A(V)=A(V)+Z:A(V)=A(V)AN
D15
3010 POKE54277+V*7,A(V)*16+D
(V)
3020 Y=12:N=A(V):GOSUB120:PR
INT"VOIX MARINEZ CHEZ VOIX
HARENGS";N:JY=0
3999 POKE55776,12:GOTO300
4000 D(V)=D(V)+Z:D(V)=D(V)AN
D15
4010 POKE54277+V*7,A(V)*16+D
(V)
4020 Y=15:N=D(V):GOSUB120:PR
INT"VOIX MARINEZ CHEZ VOIX
HARENGS";N:JY=0
4999 POKE55896,12:GOTO300
5000 S(V)=S(V)+Z:S(V)=S(V)AN
D15
5010 POKE54278+V*7,S(V)*16+R
(V)
5020 Y=18:N=S(V):GOSUB120:PR
INT"VOIX MARINEZ CHEZ VOIX
HARENGS";N:JY=0
5999 POKE56016,12:GOTO300
6000 R(V)=R(V)+Z:R(V)=R(V)AN
D15
6010 POKE54278+V*7,S(V)*16+R
(V)
6020 Y=21:N=R(V):GOSUB120:PR
INT"VOIX MARINEZ CHEZ VOIX
HARENGS";N:JY=0
6999 POKE56136,12:GOTO300
7000 PRINT"VOIX MARINEZ CHEZ
VOIX HARENGS"
7010 PRINT" CE PROGRAMME GE
RE UN MORCEAU DE
7020 PRINT"MUSIQUE PAR INTER
RUPTIONS"
7030 PRINT" IL PERMET DE C
ONTROLER EN COURS"
7035 PRINT"D'EXECUTION LES D
IFFERENTS PARAMETRES"
7040 PRINT"DU S.I.D. SUR CHA

```

```

9006 PRINT"CHARGEMENT DE
S DATAS"
9007 PRINT"30 SECONDES
9010 T=0:REM *** ZONE 1 ****
**
9020 FORI=49152TO49551:READQ
:T=T+Q:POKEI,Q:NEXT
9030 IFT<>53238THENPRINT"ERREUR
DATAS ZONE 1"
9040 T=0:REM *** ZONE 2 ****
**
9050 FORI=49552TO49951:READQ
:T=T+Q:POKEI,Q:NEXT
9060 IFT<>50718THENPRINT"ERREUR
DATAS ZONE 2"
9070 T=0:REM *** ZONE 3 ****
**
9080 FORI=49952TO50351:READQ
:T=T+Q:POKEI,Q:NEXT
9090 IFT<>51295THENPRINT"ERREUR
DATAS ZONE 3"
9100 T=0:REM *** ZONE 4 ****
**
9110 FORI=50352TO50751:READQ
:T=T+Q:POKEI,Q:NEXT
9120 IFT<>52604THENPRINT"ERREUR
DATAS ZONE 4"
9130 T=0:REM *** ZONE 5 ****
**
9140 FORI=50752TO51151:READQ
:T=T+Q:POKEI,Q:NEXT
9150 IFT<>50904THENPRINT"ERREUR
DATAS ZONE 5"
9160 T=0:REM *** ZONE 6 ****
**
9170 FORI=51152TO51551:READQ
:T=T+Q:POKEI,Q:NEXT
9180 IFT<>51720THENPRINT"ERREUR
DATAS ZONE 6"
9190 T=0:REM *** ZONE 7 ****
**
9200 FORI=51552TO51791:READQ
:T=T+Q:POKEI,Q:NEXT
9210 IFT<>32484THENPRINT"ERREUR
DATAS ZONE 7"

```

MUSIQUE MACHINE

```

9220 T=0:REM *** ZONE 8 ****
**
9230 FORI=52736T053035:READQ
:T=+0:POKEI,0:NEXT
9240 IFT<>40320THENPRINT"DOM
**ERREUR DATAS ZONE 8"
9250 T=0:REM *** ZONE 9 ****
**
9260 FORI=53036T053045:READQ
:T=+0:POKEI,0:NEXT
9270 IFT<>318 THENPRINT"DOM
**ERREUR DATAS ZONE 9"
9300 GOTO10
9999 GOTO300
10000 DATA 120, 169, 33, 141
, 20, 3, 169, 192, 141, 21
10001 DATA 3, 169, 205, 133,
252, 169, 253, 133, 251, 88
10002 DATA 96, 169, 253, 133
, 251, 169, 205, 133, 252, 1
69
10003 DATA 255, 133, 2, 190,
2, 208, 24, 230, 251, 32
10004 DATA 64, 192, 230, 251
, 32, 64, 192, 230, 251, 32
10005 DATA 64, 192, 165, 251
, 201, 47, 240, 11, 108, 251
10006 DATA 0, 76, 49, 234, 2
08, 2, 230, 252, 96, 165
10007 DATA 252, 201, 207, 24
0, 202, 108, 251, 0, 141, 1
10008 DATA 212, 142, 0, 212,
165, 147, 141, 4, 212, 96
10009 DATA 141, 8, 212, 142,
7, 212, 165, 247, 141, 11

```



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10016 DATA 128, 192, 96, 132

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 10319 DATA 145, 198, 76, 168
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 10325 DATA 135, 200, 76, 165
 , 200, 76, 181, 200, 76, 211
 10326 DATA 200, 76, 227, 200
 , 76, 1, 201, 76, 31, 201

10327 DATA 76, 47, 201, 76,
 77, 201, 76, 93, 201, 76
 10328 DATA 123, 201, 76, 146
 , 201, 76, 169, 201, 76, 185
 10329 DATA 201, 76, 220, 201
 , 76, 250, 201, 76, 17, 202
 10330 DATA 76, 40, 202, 0, 0
 , 0, 0, 0, 0, 0

SPRITE ANIMATION

Faites gigoter à souhait votre ménagerie de monstres ou de héros et créez des effets comiques au gré de votre fantaisie...

W. DEHANDSCHUTTER

Mode d'emploi :

Cet utilitaire permet de créer de superbes animations, par création et affichage successif de quelques sprites (1 à 9). Toutes les indications nécessaires sont incluses. Toutefois, il est bon de préciser que la mémorisation d'une image s'effectue par la commande "I".

```
10 REM ***** 1984 ***
*****
12 REM *
*
14 REM *      SPRITE ANIMATI
ON *
16 REM *
*
18 REM *      POUR COMMODORE
64 *
20 REM *
*
21 REM *      PAR W. DEHANDSCHU
TTER *
22 REM *
*
24 REM *****
*****
40 REM ***INITIALISATION***
***
42 POKE53280,5:POKE53281,5:P
RINT":X00000000CHARGEMENT DES
DONNEES..."
45 HF(1)=91:LF(1)=140:HF(2)=
4:LF(2)=139
52 POKE54296,15
55 DIM D(3,21):SK=5:VI=53248
:POKEVI+39,1:POKEVI+40,1
60 FORI=0TO9:BA(I)=12287+I*6
4:SS(I)=192+I:NEXT
62 FORI=0TO9:HB(I)=(BA(I)+1
)/256:LB(I)=(BA(I)+1)-256*HB
%(I):NEXT
65 WD$(2)="DESSINER":WO$(1
)="IMAGE":WO$(3)="COULEUR
R":WO$(4)="GRANDEUR"
66 WO$(5)="ANIMATION":WO$(
6)="LOAD":WO$(7)="SAVE"
70 POKEVI,248:POKEVI+1,65:PO
KEVI+23,1:POKEVI+29,1
75 POKEVI+2,248:POKEVI+3,193
:POKEVI+23,3:POKEVI+29,3
80 FORTE=0TO58:READX:POKE491
52+TE,X:NEXT
82 FORTF=0TO101:READX:POKE49
220+TF,X:NEXT
85 GOSUB50000
```



```
90 REM ****CONSTRUCTION DE L
'ECRAN****
100 PRINT":POKE53280,0:POK
E53281,0:NH=0:NV=0
110 PRINT":
"
120 FORT=1TO21
130 PRINT":I:XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXX":NEXTT
140 PRINT":
"
150 PRINT":TAB(27);"I
"
152 FORT=1TO5:PRINTTAB(27);"
I
" :NEXT
154 PRINTTAB(27);"L
"
160 PRINT":XXXXXXXXXXXXX
XXXXXXXXXXXXX"
170 PRINT":XXXXXXXXXXXXX
XXXXXXXXXXXXX"
TAB(27);"I
"
172 FORT=1TO5:PRINTTAB(27);"
I
" :NEXT
174 PRINTTAB(27);"L
"
180 PRINT":XXXXXXXXXXXXX
XXXXXXXXXXXXX"
185 FORT=1TO8:PRINTTAB(27)WO
```

```
$(T):NEXT
200 REM ***DESSIN AVEC JOYST
ICK***
250 POKE55377,1:POKE1105,160
300 H=0:V=0
310 GETA$:IFA#<" "THEN10000:
REM NARR STUUR ROUTINE
320 JV=PEEK(56320):IFJV=255T
HEN310
330 IF(JVAND16)<>16THENKL=10
:GOTO350
340 KL=0
350 IF(JVAND15)=15THEN400
355 JV=JVAND15
360 IFJV=11THENDH=-1:GOTO370
361 IFJV=7THENDH=1:GOTO370
362 IFJV=14THENDV=-1:GOTO370
363 IFJV=13THENDV=1:GOTO370
364 IFJV=6THENDV=-1:DH=1:GOT
O370
365 IFJV=10THENDV=-1:DH=-1:G
OTO370
366 IFJV=5THENDV=1:DH=1:GOTO
370
367 IFJV=9THENDV=1:DH=-1:GOT
O370
370 NH=H+DH:NV=V+DV
375 IFNH<0ORNH>230ORNV<0ORNV>
20THENNH=NH-DH:NV=NV-DV:GOTO
310
400 POKE1105+40*V+H,160:POKE
55377+40*V+H,KL
410 H=NH:V=NV
420 POKE1105+40*V+H,160:POKE
55377+40*V+H,1
430 DH=0:DV=0:GOTO310
10000 REM *****CHOIX D'UNE O
PTION*****
10005 C=0:B=0
```

SPRITE ANIMATION

```

10010 PRINT"XXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
10012 GETA$:IFA$="THEN10012
10014 PRINT"XXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX";TAB(7);AS;
10020 S$="CDISLGA"
10030 FORP=1T07
10032 IFMID$(S$,P,1)=A$THENC
=1:GOTO10040
10034 NEXTP
10040 IFC=0THENPRINT"|||";GO
TO10010
10050 IFA$<"I"ANDAS$<"D"AND
A$<"A"THEN10110
10055 PRINT"|||IMAGE NO(1-9):
|||";
10060 GETB$:IFB$="THEN10060
10065 PRINTB$;
10066 IFA$="D"ANDB$="N"THEN1
00
10070 B=VAL(B$):IFB<1THENPRI
NT"||| |||";GOTO10060
10110 IFA$="D"THEN12000:REM
DESSINER
10120 IFA$="I"THEN13000:REM
IMAGE
10130 IFA$="C"THEN14000:REM
COULEUR
10140 IFA$="G"THEN15000:REM
GRANDEUR
10150 IFA$="A"THEN16000:REM
ANIMATION
10160 IFA$="S"THEN17000:REM
SAVE
10170 IFA$="L"THEN18000:REM
LOAD
10180 GOTO10012
12000 REM **IMAGE EN BASSE R
ESOLUTION**
12010 A=BA(B)+1:DX=A/256:POK
E173,DX:POKE172,A-256*DX
12020 POKE190,10:POKE195,77:
SYS49220
12090 I=2:GOSUB20000:POKE199
1,160:GOTO420
13000 REM **IMAGE EN HAUTE R
ESOLUTION**
13010 A=BA(B)+1:DX=A/256:POK
E254,DX:POKE253,A-256*DX
13020 A=55377:DX=A/256:POKE2
52,DX:POKE251,A-256*DX
13075 SYS49152
13080 POKE2040,192+B:POKEVI+
21,1
13085 I=1:GOSUB20000
13090 GOTO10005
14000 REM***CHANGEMENT DE CO
ULEUR***
14010 SK=SK+1:IFSK=16THENSK=
0
14020 POKEVI+39,SK:POKEVI+40
,SK
14030 GOTO10005
15000 IFGR=3THENGR=0:GOTO151
00
15010 GR=3
15100 POKEVI+23,GR:POKEVI+29
,GR:GOTO10012
16000 REM *****ANIMATION***
*****
16010 GETC$:IFC$="THEN16010
16020 PRINT"|||";C$;
16030 C=VAL(C$):IFC<1ORC>B+1
THEN16010
16040 W=150:A1=2040:A2=2041:
A3=172:A4=173:A5=49220
16045 POKEVI+21,3:POKE190,10
:POKE195,100
16050 FORT=BT0C
16060 POKER3,LB(T):POKER4,HB

```



```

%(T):SYSAS
16065 POKER1,SS(T):POKER2,SS
(B+C-T)
16070 FORZ=1TOW:NEXT
16080 NEXTT
16090 GETS$:IFS$="THEN16050
16095 IFS$="A"THEN10005
16100 W=20*VAL(S$):GOTO16050
17000 REM *****SAVE SPRITE*
*****
17010 POKEVI+21,0:PRINT"|||":Z
$=","
17020 INPUT"|||PREMIERE IMAG
E";N1$
17030 N1=VAL(N1$):IFN1<1ORN1
>8THEN17020
17040 INPUT"|||DERNIERE IMAG
E";N2$
17050 N2=VAL(N2$):IFN2<1ORN2
>9ORN2<N1THEN17040
17060 INPUT"|||NOM DU SPR
ITE";NF$:IFNF$="THEN17060
17070 OPEN4,8,4,"00:"+NF$+"
,S,W"
17075 AS=N2-N1+1:PRINT#4,AS;
Z$
17080 FORT=N1TON2
17090 FORH=BA(T)+1T08A(T)+63
17095 F=PEEK(H)
17100 PRINT#4,F;Z$:NEXTH:NEX
TT
17110 CLOSE4:GOTO100
18000 REM *****LOAD SPRITE
*****
18010 POKEVI+21,0:INPUT"|||
|||NOM DU SPRITE";NF$
18020 OPEN4,8,4,"0:"+NF$+"
,S,R"
18030 INPUT#4,NB
18035 PRINT"|||";NB;"IMAGE
S(1-" +STR$(NB)+")"
18040 FORT=1T0NB
18050 FORV=1T063
18060 INPUT#4,0
18070 POKEBR(T)+V,0:NEXTY
18080 NEXTT
18090 CLOSE4:GOTO100
20000 REM *****SON*****
*****
20005 POKE54274,15:POKE54275
,15
20010 POKE54276,65:POKE54277
,9:POKE54272,LF(I):POKE54273
,HF(I)
20100 FORT=1T0750:NEXT
20200 FORLO=54272T054276:POK
ELO,0:NEXT:RETURN
29999 REM***DONNEES DES ROUT
INES***
30000 DATA162,1,134,170,160,
0,177,251,41,15,201,13,240,2
8,201,10,24,208,1,56

```

```

30010 DATA38,170,144,15,232,
165,170,145,253,169,1,133,17
0,230,253,208,2,230
30020 DATA254,169,1,44,169,1
6,24,101,251,133,251,144,2,2
30,252,224,65,144,203
30030 DATA96,0
40000 DATA162,4,169,81,24,32
,152,192,160,0,132,2,160,0,1
32,250,160,0,177,172
40010 DATA133,249,164,250,16
2,8,6,249,144,11,169,160,145
,251,169,10,145,253
40020 DATA76,123,192,165,195
,201,100,144,8,169,160,145,2
51,169,0,145,253,200
40030 DATA202,208,223,230,2,
32,219,252,192,24,144,202,16
6,252,32,148,192,164
40040 DATA2,192,63,144,189,9
6,165,251,105,39,133,251,133
,253,144,1,232,138
40050 DATA133,252,41,3,9,216
,133,254,96,0
50000 PRINT"|||INSTRUCT
IONS (O/N) ?"
50010 GETD$:IFD$="N"THENPRIN
TCHR$(142):RETURN
50020 IFD$<"O"THEN50010
50050 PRINTCHR$(14):PRINT"|||
|||SPRITE ANIMATION POUR C
OMMODORE 64":PRINT:PRINT
50060 PRINT:PRINT"|||POUR UTIL
ISER CET INSTRUMENT DE CREAT
ION"
50065 PRINT"|||DE SPRITES ANIM
ES VOUS AVEZ BESOIN"
50070 PRINT"D'UN FLOPPY DISQ
UE VC-1541 ET D'UN"
50080 PRINT"JOYSTICK (PORTE
#2),"
50090 PRINT:PRINT"LE CONTROL
E PEUT ETRE EXERCÉ PAR LE"
50095 PRINT"JOYSTICK POUR DE
SSINER (QUAND LE PETIT"
50100 PRINT"CARRÉ BLANC BRIL
LE) OU PAR LES TOUCHES"
50110 PRINT"POUR CHOISIR UNE
OPTION,"
50120 PRINT:PRINT"VOUS COMME
NCEZ EN MODE 'JOYSTICK'. POU
R"
50125 PRINT"CHOISIR UNE OPTI
ON, PRESSEZ N'IMPORTE"
50130 PRINT"QUELLE TOUCHE. S
I VOUS ÊTES EN MODE"
50140 PRINT"OPTIONS', PRESS
EZ 'D' POUR DESSINER."

```


- LARRY CATFALL

```

500 FORI=0T062:READQ:POKE158
08+I,Q:NEXT
510 DATA0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0,0,2,144,
0,10,92,0,41,255,0
520 DATA39,255,0,159,255,10,
95,175,43,94,235,231,254,234,
255,251,190,188,59,190
530 DATA128,8,136,32,34,8,32,
34,8,32,34,8,32
540 FORI=0T062:READQ:POKE158
72+I,Q:NEXT
550 DATA0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0,0,0,0,0,
2,168,0,10,170,0,41
560 DATA85,0,37,85,0,149,85,
80,85,85,116,85,85,85,85,85,
84,85,85,80,21,85,0
570 DATA5,84,0,10,2,128,8,0,
128
580 FORI=0T062:READQ:POKE159
36+I,Q:NEXT
590 DATA0,0,0,0,0,0,32,40,8,
40,170,36,10,149,144,2,245,6
4,3,60,64,3,60,64
600 DATA3,255,64,3,255,192,0,
255,0,0,60,0,0,195,0,2,195,
128,11,60,224,44,60,56
610 DATA32,0,8,0,0,0,0,0,0,0,
0,0,0,0,0
700 FORI=0T062:READQ:POKE161
28+I,Q:NEXT
710 DATA0,0,0,0,0,0,0,0,0,0,
0,0,0,0,62,0,240,0,3,14,0,4,
37,60,8,194,191,17,2
720 DATA164,28,63,230,3,192,
60,1,0,32,2,1,208,3,62,40,4,
192,20,4,128,12,4,128,0
730 DATA249,0,0,129,0,0,254,
0,0
740 FORI=0T062:READQ:POKE161
92+I,Q:NEXT
750 DATA0,0,0,0,0,0,0,0,0,0,
0,0,0,0,62,0,0,0,0,0,1,253,
60,14,6,191,16,3,36
760 DATA28,63,230,3,192,60,1,
0,32,2,7,216,3,56,36,4,192,
28,4,128,0,4,128,0
770 DATA249,0,0,129,0,0,254,
0,0
780 FORI=0T062:READQ:POKE162
56+I,Q:NEXT
790 DATA0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0,0,0,2,144,
0,10,92,0,41,255,0,39
800 DATA255,0,159,255,10,95,
175,41,94,235,167,251,234,25
5,251,190,188,35,190
810 DATA128,34,8,32,130,8,8,
128,130,2,128,130,0
1000 REM*****
*****
1010 REM* CARACTERES REDEFIN
IS *
1020 REM*****
*****
1030 FORI=12544T012551:POKEI
,Q:NEXT
1040 FORI=13136T013135+8*14:
READQ:POKEI,Q:NEXT
1050 DATA12,48,192,48,12,12,
48,192
1060 DATA12,48,48,192,192,48
,48,12
1070 DATA48,48,204,204,204,2
04,48,48
1080 DATA240,204,204,240,240
,204,204,204
1090 DATA12,48,192,48,48,192
,48,12

```

```

1100 DATA204,204,204,204,204,
204,48,48
1110 DATA48,0,48,48,48,48,48
,48
1120 DATA12,240,48,48,48,48,
48,48
1230 DATA192,204,204,204,252,252
,204,204,204
1240 DATA252,204,204,204,252
,204,204,204
1250 DATA240,204,204,240,204,
204,204,240
1260 DATA192,192,192,192,192
,192,48,12
1270 DATA192,204,204,204,204,
204,204,252
1280 DATA240,240,204,204,204,
204,204,204
1290 FORI=12672T012671+8*10:
READQ:POKEI,Q:NEXT
1300 DATA48,204,204,204,204,
204,204,48
1310 DATA12,60,204,12,12,12,
12,12
1320 DATA48,204,12,60,240,19
2,192,60
1330 DATA240,12,12,48,12,12,
12,252
1340 DATA12,60,204,204,252,1
2,12,12
1350 DATA252,192,192,48,12,1
2,204,252
1360 DATA60,192,192,192,240,
204,204,48
1370 DATA252,12,12,48,48,192
,192,192
1380 DATA48,204,204,48,204,2
04,204,48
1390 DATA60,204,204,60,12,12
,12,240
1400 FORI=12584T012583+8*11:
READQ:POKEI,Q:NEXT
1410 DATA15,60,255,207,255,2
55,255,60
1420 DATA255,195,195,195,255
,195,195,195
1430 DATA240,240,204,204,252
,192,192,192
1440 DATA0,0,168,168,170,170
,255,255
1450 DATA0,63,63,63,0,243,24
3,243
1460 DATA0,0,0,3,63,38,38,23
0
1470 DATA0,0,0,240,96,96,1
08
1480 DATA38,38,38,38,38,38,3
8,38
1490 DATA96,96,96,96,96,96,9
6,96
1500 DATA48,48,252,220,220,2
20,252,48
1510 DATA0,0,3,12,60,204,204
,204
1520 FORI=12752T012751+8*24:
READQ:POKEI,Q:NEXT
1530 DATA0,0,3,13,61,221,221
,221
1540 DATA0,192,240,220,223,2
21,221,221
1550 DATA0,0,0,0,0,192,192,1
92
1560 DATA221,221,221,221,173
,173,173,221
1570 DATA221,221,221,221,221
,221,221,221
1580 DATA192,192,192,192,192
,192,192,192
1590 DATA132,136,168,160,128

```

DEULIGNE

Et ton bidouille les interruptions, et en cou-
leur, s'il vous plaît !

0 DATA238,32,208,76,49
,234:FORA=0T05:READQ:P
OKE49152+A,Q:NEXT:POKE
56334,0
1 POKE788,0:POKE789,19
2:POKE56334,1:POKE5632
5,0:PRINT"SOYONS PATIE
NT..." :LIST

C'EST VOUS QUI
VENDEZ LES BITS
LES MOINS CHERS
DU MARCHE ?

METTEZ-
M'EN
UNE !

,128,128,128
1600 DATA18,34,42,10,2,2,2,2
1610 DATA192,48,15,12,48,51,
243,204
1620 DATA0,255,0,60,195,0,0,
0
1630 DATA3,12,240,48,12,204,
207,51
1640 DATA207,204,204,204,204,
204,204,207
1650 DATA60,195,195,195,195,
195,195,60
1660 DATA243,51,51,51,51,51,
51,243
1670 DATA204,243,243,48,12,1
5,48,192
1680 DATA0,0,0,195,60,0,255,
0
1690 DATA51,207,204,12,48,24
0,12,3
1700 DATA240,192,240,192,204,
48,60,13,15,3,15,3,51,12,60
,112
1710 DATA12,12,63,55,55,55,6
3,12,255,255,255,170,170,255
,255,255
1720 DATA255,255,255,255,255
,255,255,255,0,252,252,252,0
,207,207,207


```
960 PRINT"XXXXXXXXXXXXPROGRAM
ME PRINCIPAL)"
970 PRINT"XXXXXXXXXXXXXXXXXXXX
TAPEZ 'NEW' PUIS 'LOAD'"
```

...listing 3...

```
1 POKE53280,11:POKE53281,11:
POKE53265,PEEK(53265)AND239:
GOSUB1805
10 PRINT"Q":FORMU=54272TO542
96:POKEMU,0:NEXT
15 POKE54296,15:POKE54277,0:
POKE54278,128:POKE54273,0:PO
KE54272,0:POKE54276,129
30 V=53248:POKE2040,238:POKE
2041,244:POKE2042,245:POKE20
43,246:POKE2044,247
50 POKEV+28,255:POKEV+37,8:P
OKE2045,248:POKE2046,250
60 POKEV+39,1:POKEV+40,12:PO
KEV+41,1:POKEV+42,1:POKEV+43
,1:POKEV+44,1
70 POKEV+45,9:POKEV+24,28:PO
KEV+22,24:POKEV+34,2:POKEV+3
5,10:POKEV+38,0
80 SC=0:TA=1:VIE=4:P=127:S=0
:R=0:BO=0:PRI=0:Y=0:POKEV+32
,11:POKEV+33,11
```

```
B(29)"L n l"VIE
200 POKE1023,(INT(RND(1)*5))
#32+78:POKE1022,INT(RND(1)*2
00)+40
220 SYS16000
500 M=127-PEEK(56320):POKE53
278,0:PRINT"TAB(19)INT(600
-TI/30)"
505 IFPEEK(53278)AND1THENK=2
38:GOTO1200
506 IF(600-TI/30)<=0THEN1710
510 IFM=4THENPOKE2040,242:CA
=CA-1:GOTO700
520 IFM=8THENPOKE2040,238:CA
=CA+1:GOTO710
530 IFM=1THENPOKE2040,240:CA
=CA-30:GOTO720
540 IFM=2THENPOKE2040,241:CA
=CA+30:GOTO730
550 IFM=20THEN1400
560 IFM=24THEN1450
570 IFM=16THEN1600
600 GOTO200
700 ONZ(CA)GOTO900,830,800,0
70,900,800,800,800,800
710 ONZ(CA)GOTO930,960,930,9
90,1020,930,930,930,930
720 ONZ(CA+30)GOTO1050,1050,
1100,1050,1050,1050,1050,105
0,1050
730 ONZ(CA-30)GOTO1120,1120,
```

```
,254
921 POKE53280,2:F0R1=0T05:N
E XT:POKE53280,11:S0=255:POKE5
4276,33
922 POKEV+39,1:GOTO1240
930 IFPEEK(V)>246THENPOKEV,P
EEK(V):CA=CA-1:SYS16000:GOTO
500
935 POKEV,PEEK(V)+4:POKE2040
,239:POKE54273,255:POKEV,PEE
K(V)+4:POKE54273,0
940 F0R1=0T018:NEXT:SYS16000
:POKE2040,238:GOTO500
960 POKEV,PEEK(V)+4:POKE2040
,239:POKE54273,255:POKEV,PEE
K(V)+4:POKE54273,0
970 F0R1=0T050:NEXT:SYS16000
:POKE2040,238:K=238:GOTO1200
990 POKEV,PEEK(V)+4:POKE2040
,239:POKE54273,255:POKEV,PEE
K(V)+4:POKE54273,0
1000 F0R1=0T050:NEXT:SYS1600
0:POKE2040,238:K=238:GOTO135
0
1020 POKEV,PEEK(V)+4:POKE204
0,239:POKE54273,255:POKEV,PEE
K(V)+4:POKE54273,0
1030 F0R1=0T050:NEXT:SYS1600
0:POKE2040,238
1040 F0R1=PEEK(V+1)TOPEEK(V+
1)+35:POKEV+1,I:NEXT:POKEV+2
8,254
1041 POKE53280,2:F0R1=0T05:N
E XT:POKE53280,11:S0=255:POKE
54276,33
1042 POKEV+39,1:GOTO1240
1050 CA=CA+30:SYS16000:GOTO5
00
1100 F0R1=PEEK(V+1)TOPEEK(V+
1)+32STEP-4:S0=100
1110 IFPEEK(2040)=240THENPOK
E2040,241:POKEV+1,I:F0RT=0T0
35:NEXT:POKE54273,30
1114 SYS16000
1115 IFPEEK(2040)=241THENPOK
E2040,240:POKEV+1,I:POKE5427
3,0:F0RT=0T035:NEXT
1117 S0=S0+20:NEXT:POKE2040,
238:GOTO500
1120 CA=CA-30:SYS16000:GOTO5
00
1150 F0R1=PEEK(V+1)TOPEEK(V+
1)+32STEP4:S0=255
1160 IFPEEK(2040)=241THENPOK
E2040,240:POKEV+1,I:F0RT=1T0
20:NEXT:POKE54273,30
1165 SYS16000
1170 IFPEEK(2040)=240THENPOK
E2040,241:POKEV+1,I:POKE5427
3,0:F0RT=0T020:NEXT
1180 F0R1=POKE2040,242:GOTO5
00
1185 F0R1=0T0500:NEXT:I=D+1:
F0R1=0T015:POKEV+32,I:POKEV+
33,I+2:NEXT
1186 IFI=15THENI=0
1187 IFD<5THEN1185
1190 POKEV+32,11:POKEV+33,11
:0=0
1200 POKEV+39,1:POKE54276,12
9:POKE53280,2:F0R1=0T04:NEXT
:TE=100:H=0:POKE53280,11
1210 TE=TE-30:H=H+1:POKE2040
,249:F0R1=0T0TE:POKEV+32,2:N
E XT:POKE2040,K
1220 F0R1=0T0TE:NEXT:POKE204
0,K:POKEV+32,11
```



```
85 DIMZ(150)
87 IFTA=2THENTA=1ANDS=0:REST
ORE:GOSUB1805
90 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXX"TAB(7)"
"
91 POKEV+2,0:POKEV+3,142:POK
EV+4,101:POKEV+5,0:POKE54276
,129
95 POKEV+8,30:POKEV+9,110:PO
KEV+10,0:POKEV+11,78:POKEV+1
2,66:POKEV+13,14
99 POKEV+21,255:POKEV,42:POK
EV+1,206:CA=122
100 IFTA=1ANDS=0THENGOSUB300
0
101 IFTA=1ANDS=0THENF0R1=0T0
149:READZ(I):NEXT
103 IFTA=2ANDS=0THENGOSUB340
0:F0R1=0T0149:READZ(I):NEXT
110 POKE53265,PEEK(53265)OR1
6
130 POKEV+32,11:POKEV+33,11:
F0RL=55312T055312+7:POKEL,1:
NEXT:TI="000000"
196 PRINT"TAB(13)"TAB(13):PRINT"TAB(13)"TAB(13):PRINT"TAB(13)"
```

```
1120,1120,1120,1150,1120,112
0,1120
800 IFPEEK(V)<34THENPOKEV,PE
EK(V):CA=CA+1:SYS16000:GOTO5
00
805 POKEV,PEEK(V)-4:POKE2040
,243:POKE54273,255:POKEV,PEE
K(V)-4:POKE54273,0
810 F0R1=0T018:NEXT:SYS16000
:POKE2040,242:GOTO500
830 POKEV,PEEK(V)-4:POKE2040
,243:POKE54273,255:POKEV,PEE
K(V)-4:POKE54273,0
840 F0R1=0T050:NEXT:SYS16000
:POKE2040,242:K=242:GOTO1200
870 POKEV,PEEK(V)-4:POKE2040
,243:POKE54273,255:POKEV,PEE
K(V)-4:POKE54273,0
880 F0R1=0T050:NEXT:SYS16000
:POKE2040,242:K=242:GOTO1350
900 POKEV,PEEK(V)-4:POKE2040
,243:POKE54273,255:POKEV,PEE
K(V)-4:POKE54273,0
910 F0R1=0T050:NEXT:SYS16000
:POKE2040,242
920 F0R1=PEEK(V+1)TOPEEK(V+1
)+35:POKEV+1,I:NEXT:POKEV+28
```

```

1225 IFH=20THENPOKEV+28,254:
POKE54276,33:SO=255:POKEV+39
,1:GOTO1240
1230 GOTO1210
1240 SO=SO-10:POKE2040,252:P
OKEV+1,PEEK(V+1)-3,5:SYS1600
0:POKE54273,SO
1250 FORT=0T090:NEXT:IFPEEK(
2040)=252THENPOKE2040,253
1260 POKEV+1,PEEK(V+1)-3,5:S
YS16000:IFPEEK(2040)=253THEN
FORT=0T090:NEXT
1270 IFPEEK(V+1)<20THENPOKEV
+28,255:GOTO1300
1280 GOTO1240
1300 POKE54273,0:VIE=VIE-1:S
=1:POKE2040,238:BO=0
1303 IFVIE=0THENPOKEV+21,0:P
RINT"TAB(29)"G"|"VIE:FOR
I=0T02000:NEXT:GOTO5000
1305 PRINT"J":POKEV+21,0:POK
EV+24,21:POKEV+32,0:POKEV+33
,0
1310 PRINT"XXXXXXXXXXXXXXXXX"TAB(1
4)"*PLAYER ONE":PRINT"X"TAB
B(15)"GET READY"
1315 FORI=0T01300:NEXTI:PRIN
T"J"
1320 POKE53265,PEEK(53265)AND
D239:R=1
1324 IFTA=2THENGOTO3400
1325 IFTA=1THENGOTO3000
1350 POKE53278,0:POKEV+8,10:
POKEV+9,PEEK(V+1)
1355 POKE2044,247:POKEV+8,PE
EK(V+8)+2,5
1360 FORT=0T090:NEXT:SYS1600
0:IFPEEK(2044)=247THENPOKE20
44,254
1370 POKEV+8,PEEK(V+8)+2,5:I
FPEEK(2044)=254THENFORT=0T09
0:NEXT:SYS16000
1380 IFPEEK(53278)AND1THENPO
KE2044,247:GOTO1200
1390 GOTO1355
1400 POKE54276,33:POKE2040,2
43:POKEV+1,PEEK(V+1)-8:SO=10
0:CA=CA-4
1405 IFPEEK(V)<50THENFORI=PE
EK(V+1)TOPEEK(V+1)+8STEP,5:P
OKEV+1,I:NEXT:SYS16000
1406 IFPEEK(V)<50THENCA=CA+4
:POKE2040,242:POKE54276,129:
GOTO5000
1410 FORI=PEEK(V)TOPEEK(V)-3
2STEP-4
1420 POKEV,I:POKE54273,SO:SO
=SO-5:FORT=0T060:NEXT:SYS160
00
1425 IFPEEK(53278)AND1THENK=
238:POKE54273,0:GOTO1200
1430 NEXT:POKE54273,0:POKE20
40,242:POKEV+1,PEEK(V+1)+8:P
OKE54276,129
1435 IFZ(CA)=2THEN840
1436 IFZ(CA)=4THEN880
1437 IFZ(CA)=5THEN910
1438 GOTO5000
1450 POKE54276,33:POKE2040,2
39:POKEV+1,PEEK(V+1)-8:SO=10
0:CA=CA+4
1455 IFPEEK(V)>220THENFORI=P
EEK(V+1)TOPEEK(V+1)+8STEP,5:
POKEV+1,I:NEXT:SYS16000
1456 IFPEEK(V)>220THENCA=CA-
4:POKE2040,238:POKE54276,129
:GOTO5000
1460 FORI=PEEK(V)TOPEEK(V)+3
2STEP4
1470 POKEV,I:SYS16000:POKE54

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273,SO:SO=SO+5:FORT=0T060:NE
XT
1475 IFPEEK(53278)AND1THENK=
238:POKE54273,0:GOTO1200
1480 NEXT:POKE54273,0:POKE20
40,238:POKEV+1,PEEK(V+1)+8:P
OKE54276,129
1490 IFZ(CA)=2THEN970
1491 IFZ(CA)=4THEN1000
1492 IFZ(CA)=5THEN1030
1500 GOTO5000
1600 R=INT(CA/30)+1:R1=CA-(C
A-1)*30+1:SYS16000
1610 R2=1064+R1+40*(4#R):IFP
EEK(R2)=37ANDBO=0THENPOKE542
76,33:POKE54273,255
1615 IFPEEK(R2)=37ANDBO=0THE
NPOKEAR2,32:POKEV+39,10:BO=1
1620 IFZ(CA)=8ANDBO=1THENPRI
=PRI+1:POKEV+39,1:SC=SC+100:
GOTO1640
1630 IFPEEK(R2)=37ANDBO=1THE
NPOKE54276,33:POKE54273,10:G
OTO1740

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1780 POKE54273,0:GOTO5000
1805 FORF=49152T049151+103:R
EADR:POKEF,R:NEXT
1810 DATA174,2,208,202,202,1
42,2,208
1815 DATA174,5,208,232,232,2
32,232,142,5,208
1820 DATA174,8,208,232,232,2
32,142,8,208
1825 DATA174,10,208,232,232,
142,10,208
1830 DATA173,2,208,41,255,20
1,0,240,1,96
1835 DATA174,255,3,142,3,208
,96
1840 DATA173,5,208,41,255,20
1,0,240,1,96
1850 DATA174,254,3,142,4,208
,96
1855 DATA173,8,208,41,255,20
1,0,240,1,96
1860 DATA174,255,3,142,9,208
,96
1865 DATA173,10,208,41,255,2
01,0,240,1,96
1870 DATA174,255,3,142,11,20
8,96
1875 FORM=16000T015999+13:RE
ADR:POKEM,R:NEXT
1880 DATA32,0,192,32,52,192,
32,69,192,32,86,192,96
1885 RETURN
3000 PRINT"J":FORI=1136T0194
5STEP40:FORE=0T07:POKEI+E,41
:NEXTE,I:PRI=0
3010 FORI=55408T056256STEP40
:FORE=0T07:POKEI+E,3:NEXTE,I
:POKEV+27,0
3020 PRINT"XXXXXXXXXXXXXXXXX"
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3030 FORI=0T04:PRINT"XXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
:NEXT
3040 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3050 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3060 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3070 PRINTTAB(19)"XXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3080 PRINTTAB(24)"TTTTTTTTTTTT
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3090 PRINTTAB(9)"XXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3100 PRINTTAB(6)"TTTTTTTTTTTT
:PRINTTAB(29)"XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3110 PRINTTAB(17)"XXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3120 PRINT"TTTTTTTTTTTTTTTTTTTT
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3125 PRINT"XXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3126 PRINT"XXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"TAB(
14)"XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3127 PRINT"XXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"TAB(26)"
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
3130 IFR=1THENPOKE53265,PEEK
(53265)OR16:POKEV+24,28:POKE
V+32,11:POKEV+33,11
3140 IFR=1THENR=0:GOTO91

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1640 IFPRI=7ANDZ(CA)=7THENBO
=0:S=0:TA=TA+1:POKEV+21,1:FO
RI=0T03000:NEXT
1641 IFPRI=7THENPRINT"XXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
+11"XXXXXXXXXXXX"
1645 IFPRI=7ANDZ(CA)=7THENPR
I=0:POKE53265,PEEK(53265)AND
239:GOTO87
1650 IFZ(CA)=8ANDBO=1THENBO=
0:GOTO1770
1700 POKE54273,0:POKE54276,1
29:GOTO5000
1710 IF(600-TI/30)<=0THENO=1
:FORI=0T088:POKE53270,I:POKE
54273,INT(RND(1)*5)+7
1720 IF(600-TI/30)<=0ANDO=1T
HENPOKEV+21,1:K=238:NEXT
1730 IF(600-TI/30)<=0ANDO=1TH
ENY=1:IFY=1THENY=0:POKEV+39,
1:PRINT"J":D=0:GOTO1185
1740 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
+11"XXXXXXXXXXXX"
1750 NEXT:PRINT"XXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
1760 POKE54273,0:POKE54276,1
29:GOTO5000
1770 PRINT"XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
040:NEXT

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```

54 PRINT "M IALLES : INDICAT
EUR DE MUNITIONS"
56 PRINT
60 PRINT "M TEMPS : INDICATE
UR DE TEMPS DE VOTRE"
62 PRINTSPC(8); "VAISSEAU PRO
VOQUANT L' APPARITION"
64 PRINTSPC(8); "DU VAISSEAU
CLIGNOTANT ,OU VOTRE"
66 PRINTSPC(8); "ACCELERATION
OU LES DEUX"
70 PRINT "M OI VOTRE VITESSE
ARRIVE A ? VOUS"
72 PRINT " RETOURNEZ A LA VIT
ESSE 1 ET VOUS"
74 PRINT " RECEVEZ 100000 POI
NTS !"
75 PRINT " | | | | \ / "
76 PRINT " OI VOUS TOUCHEZ LE
S PAROIS OU LES "
77 PRINT " VAISSEAUX VOUS ET
ES PERDU ET VOUS"
78 PRINT " CHUTEZ . ATTENDRE
L'ARRET DE LA CHUTE"
80 PRINT " ET PRESSEZ SUR O
O " OU " POUR "
82 PRINT " RETOURNER AU POINT
DE DEPART"
84 PRINT
86 PRINT "M TRESSEZ UNE TOUC
HE POUR START : POKE198,0
88 GETA$ : IFA$=" THEN88
90 SYS18048
200 PRINT " UN INSTANT SVP
"
202 I=16384
204 READA$ : IFA$=" THENRETUR
N
206 L=ASC(LEFT$(A$,1))-48
208 IFL>9 THEN L=L-7
210 R=ASC(RIGHT$(A$,1))-48
212 IFR>9 THEN R=R-7
214 POKE1,16#L+R : I=I+1 : GOTO2
04
300 DATA9,3F,8D,11,D0,A9,18
,8D
302 DATA18,D0,A5,F4,F0,19,C6
,F3
304 DATA10,10,A9,11,8D,04,D4
,A9
306 DATA08,E5,FF,0A,0A,0A,85
,F3
308 DATAD0,05,A9,00,8D,04,D4
,AD
310 DATA12,D0,18,C9,B0,90,F8
,A9

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```

312 DATA1F,8D,11,D0,A9,18,8D
,18
314 DATAD0,A9,00,8D,8E,02,A9
,00
316 DATA85,F1,85,F0,85,EF,A5
,F4
318 DATAD0,03,4C,78,43,20,9F
,FF
320 DATA8E,8D,02,8A,29,01,85
,F1
322 DATA9A,29,02,85,F0,8A,29
,04
324 DATA85,EF,AD,00,DC,29,10
,49
326 DATA10,05,F1,85,F1,A5,C5
,C9
328 DATA27,F0,07,AD,00,DC,29
,04
330 DATAD0,0E,AD,00,D0,38,E5
,FF
332 DATA8D,00,D0,B0,03,CE,10
,D0
334 DATAA5,C5,C9,24,F0,07,AD
,00
336 DATADC,29,08,D0,0E,AD,00
,D0
338 DATA18,65,FF,8D,00,D0,90
,03
340 DATAEE,10,D0,AD,01,D0,C9
,36
342 DATAF0,11,A5,EF,D0,07,AD
,00
344 DATADC,29,01,D0,06,CE,01
,D0
346 DATAEE,01,D0,AD,01,D0,C9
,94
348 DATAF0,11,A5,F0,D0,07,AD
,00
350 DATADC,29,02,D0,06,EE,01
,D0
352 DATAEE,01,D0,C6,FA,10,08
,A9
354 DATA05,85,FA,A5,F1,D0,03
,4C
356 DATA60,41,C6,FB,10,04,A9
,06
358 DATA85,FB,A5,FB,A9,0A,AA
,AD
360 DATA01,D0,9D,03,D0,AD,00
,D0
362 DATA9D,02,D0,A9,01,0A,88
,10
364 DATAFC,A8,49,FF,2D,10,D0
,8D
366 DATA10,D0,AD,10,D0,29,01
,F0
368 DATA07,98,0D,10,D0,8D,10
,D0
370 DATAA9,04,95,E1,AD,00,D0
,4A
372 DATA4A,4A,38,E9,02,95,E0
,80
374 DATA02,D6,E1,AD,10,D0,29
,01
376 DATAF0,0B,B5,E0,18,69,20
,95
378 DATAE0,90,02,F6,E1,AD,01
,D0
380 DATA38,E9,32,29,F8,A8,18
,75
382 DATAE0,95,E0,90,02,F6,E1
,98
384 DATA0A,18,0A,90,02,F6,E1
,18
386 DATA75,E0,95,E0,90,02,F6
,E1
388 DATAA5,FA,A2,06,9D,28,D0
,CA
390 DATA10,FA,A2,00,B5,E1,F0
,38
392 DATA85,F9,B5,E0,85,F8,A0
,00
394 DATA81,F8,F0,03,4C,37,43
,A0
396 DATA28,B1,F8,D0,F7,BD,03
,D0
398 DATA18,69,08,9D,03,D0,18
,C9
400 DATAA0,90,0A,A9,00,9D,03
,D0
402 DATA95,E1,4C,A8,41,B5,E0
,18
404 DATA69,28,95,E0,90,02,F6
,E1
406 DATAE8,E8,E0,0E,D0,8E,A5
,F4
408 DATAF0,1B,A5,F1,D0,08,A9
,20
410 DATA8D,0B,D4,4C,C3,41,A9
,21
412 DATA8D,0B,D4,A5,F8,4A,4A
,4A
414 DATA09,20,8D,08,D4,A9,00
,85
416 DATAF9,A5,FE,38,E5,FF,29
,07
418 DATA85,FE,90,03,4C,1F,43
,A9
420 DATA04,8D,FF,41,8D,02,42
,A9
422 DATA28,8D,FE,41,A9,00,8D
,01
424 DATA42,8D,04,42,A9,D8,8D
,05
426 DATA42,A0,0F,A2,27,BD,58
,06
428 DATA9D,30,06,9D,30,DA,CA
,10
430 DATAF4,88,F0,2C,C0,06,D0
,03
432 DATA20,2F,43,AD,01,42,18
,69
434 DATA28,8D,01,42,8D,04,42
,90
436 DATA06,EE,02,42,EE,05,42
,AD
438 DATAFE,41,18,69,28,8D,FE
,41
440 DATA90,03,EE,FF,41,4C,FB
,41
442 DATAAD,1B,D4,29,01,F0,0B
,A5

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- SIDERAL

444	DATAFD, C9, 19, F0, 0E, E6, FD	524	DATA10, 10, 00, 3C, F0, 00, 33	592	DATA18, 3C, 18, 7E, 18, FF, 18
, 4C		, 30		, FF	
446	DATA50, 42, A5, FD, F0, 02, C6	526	DATA00, 33, 30, 00, 3F, F0, 00	594	DATA18, 18, 3C, 7E, 5A, 7E, DB
, FD		, 0F		, DB	
448	DATARA9, 00, A2, 27, 9D, 58, 06	528	DATAC0, 00, 03, 00, 00, 03, 00	596	DATA7E, FF, DB, DB, DB, DB, FF
, CA		, 00		, 7E	
450	DATA10, FA, A6, FD, A9, 0D, 9D	530	DATA00, 00, 00, 00, 00, 00, 00	598	DATAC3, DB, DB, DB, 7E, 3C, 7E
, 58		, 00		, DB	
452	DATA06, 9D, 59, 06, 9D, 65, 06	532	DATA00, 00, 00, 00, 00, 00, 00	600	DATA00, 10, 38, 7C, FE, 7C, 38
, 9D		, 00		, 10	
454	DATA66, 06, CA, 30, 0E, AD, 1B	534	DATA00, 00, 00, 00, 00, 00, 00	602	DATA3C, FF, DB, FF, 7E, 3C, 00
, D4		, 00		, 00	
456	DATA29, 07, 9D, 58, 06, CA, 10	536	DATA00, 00, 00, 00, 00, 00, 00	604	DATA00, 7C, FE, C6, C6, FE, C6
, F5		, 00		, C6	
458	DATARA5, FD, 18, 69, 0F, AA, AD	538	DATA00, 00, 00, 00, 00, 00, 00	606	DATA00, FC, FE, C6, FE, C6, FE
, 1B		, 00		, FC	
460	DATAD4, 29, 07, 9D, 58, 06, E8	540	DATA01, 00, 00, 02, 00, 00, 01	608	DATA00, 7C, FE, C0, C0, C0, FE
, E0		, 00		, 7C	
462	DATA29, D0, F3, AD, 1B, D4, 29	542	DATA00, 02, 00, 00, 01, 00, 00	610	DATA00, FC, FE, C6, C6, C6, FE
, 1F		, 02		, FC	
464	DATA18, C9, 0A, B0, 10, 18, 65	544	DATA00, 00, 01, 00, 00, 02, 00	612	DATA00, FC, FE, C0, F0, C0, FE
, FD		, 00		, FC	
466	DATARA, E8, E8, AD, 1B, D4, 29	546	DATA01, 00, 00, 02, 00, 00, 01	614	DATA00, FC, FE, C0, F0, C0, C0
, 07		, 00		, C0	
468	DATA69, 10, 9D, 58, 06, A5, F4	548	DATA00, 02, 00, 00, 01, 00, 00	616	DATA00, 7C, FE, C0, C0, C6, FE
, F0		, 00		, 7C	
470	DATA35, C6, F2, D0, 31, A9, 80	550	DATA00, 00, 00, 00, 00, 00, 00	618	DATA00, C6, C6, C6, FE, C6, C6
, 85		, 00		, C6	
472	DATAF2, A5, FD, 69, 06, AA, A9	552	DATA00, 00, 00, 00, 00, 00, 00	620	DATA00, 3C, FE, 18, 18, 18, FE
, 09		, 00		, 3C	
474	DATA9D, 58, 06, A6, FF, E8, 8A	554	DATA00, 00, 00, 00, 00, 00, 00	622	DATA00, 00, 00, 00, 00, 66, 66
, 29		, 00		, 00	
476	DATA07, 85, FF, E0, 08, D0, 17	556	DATA00, 00, 00, 00, 00, 00, 00	624	DATA00, C0, C6, CC, F8, CC, C6
, A2		, 00		, C6	
478	DATA02, FE, A3, 07, BD, A3, 07			626	DATA00, C0, C0, C0, C0, C0, FE
, C9				, FC	
480	DATA3C, D0, 09, A9, 32, 9D, A3			628	DATA00, C6, EE, FE, D6, C6, C6
, 07				, C6	
482	DATACA, 4C, C9, 42, E6, FF, A6			630	DATA00, C6, E6, F6, DE, CE, C6
, FF				, C6	
484	DATABD, 40, 44, 8D, 22, D0, A5			632	DATA00, 7C, FE, C6, C6, C6, FE
, F4				, 7C	
486	DATAD0, 17, A5, FD, 18, 69, 0A			634	DATA00, 7C, FE, C6, FE, FC, C0
, 0A				, C0	
488	DATARA, 0A, 8D, 00, D0, AD, 10			636	DATA00, 7C, FE, C6, C6, CC, FE
, D0				, 76	
490	DATA29, FE, 90, 02, 09, 01, 8D	558	DATA00, 00, 00, 00, 00, 00, 03	638	DATA00, 7C, FE, C6, FE, FC, C6
, 10		, 00		, C6	
492	DATAD0, CE, 23, D0, AD, 11, D0	560	DATA00, 00, 00, 30, 00, 00, 00	640	DATA00, 7C, FE, C0, 7C, 06, FE
, 29		, 00		, 7C	
494	DATA7F, 8D, 11, D0, A9, A8, 8D	562	DATA01, 00, 00, 00, 00, 00, 00	642	DATA00, 7C, FE, 18, 18, 18, 18
, 12		, 00		, 18	
496	DATAD0, AD, 19, D0, 09, 81, 8D	564	DATA00, 00, 60, 00, 00, 00, 00	644	DATA00, C6, C6, C6, C6, C6, FE
, 19		, 00		, 7C	
498	DATAD0, 68, A8, 68, AA, 68, 40	566	DATA00, 00, 00, 00, 00, 00, 00	646	DATA00, C6, C6, C6, C6, 6C, 7C
, A2		, 30		, 38	
500	DATA04, A0, C0, 88, D0, FD, CA	568	DATAG0, 00, 00, 00, 00, 00, 00	648	DATA00, C6, D6, D6, D6, FE, FE
, D0		, 00		, 7C	
502	DATAF8, 20, 2F, 43, 4C, DE, 42	570	DATA00, 30, 00, 00, 00, 00, 00	650	DATACF, C0, FC, 0D, FF, 06, 0C
, A9		, 00		, 18	
504	DATA10, 05, FE, 8D, 11, D0, 60	572	DATA00, 07, 06, 05, 03, 01, 0B	652	DATA00, C6, C6, E6, 7E, 06, FE
, C9		, 02		, 7C	
506	DATA09, D0, 0E, A5, FF, C6, FF	574	DATARA, AA, BE, BE, BE, BE, AA	654	DATA30, 60, C0, 83, C3, DB, DB
, D0		, AA		, FF	
508	DATA02, E6, FF, 4C, 56, 43, C9	576	DATA00, 00, 00, 00, 00, 00, 00	656	DATA00, 7C, FE, C6, C6, C6, FE
, 0D		, 00		, 7C	
510	DATAD0, 0A, A9, 00, 9D, 03, D0	578	DATAFF, FF, FF, AA, FF, FF, FF	658	DATA00, 18, 38, 18, 18, 18, 18
, 95		, AA		, 3C	
512	DATRE1, 4C, A8, 41, 29, EF, 85	580	DATAFF, FF, D7, D7, D7, D7, FF	660	DATA00, 7C, FE, 06, 0C, 30, FE
, F7		, FF		, 7C	
514	DATARA9, 00, 91, F8, A9, 03, 8D	582	DATAFF, 55, FF, 55, FF, 55, FF	662	DATA00, 7C, FE, 06, 1E, 06, FE
, 13		, 55		, 7C	
516	DATAD4, A9, 05, 8D, 14, D4, A9	584	DATA00, 00, 00, 00, 00, 00, 00	664	DATA00, 60, 60, 6C, 7E, 0C, 0C
, 81		, 00		, 0C	
518	DATARD, 12, D4, A9, 0F, 8D, 18	586	DATA00, 00, 00, 00, 00, 00, 00	666	DATA00, 7C, FE, C0, FC, 06, FE
, D4		, 00		, 7C	
520	DATARA9, 80, 8D, 12, D4, 4C, A8	588	DATA00, 00, 00, 00, 00, 00, 00		
, 41		, 00			
522	DATARA2, 80, CA, D0, FD, 4C, D1	590	DATA18, 3C, 7E, C3, C3, 7E, 66		
, 41		, E7			

QUI AIME BIEN,
CHATIE BIEN?
HITLER ETAIT UN
GRAND
AMoureux!



668 DATA00,7C,FE,C0,FC,C6,FE
 ,7C
 670 DATA00,7C,FE,0C,0C,18,18
 ,18
 672 DATA00,7C,FE,C6,FE,C6,FE
 ,7C
 674 DATA00,7C,FE,C6,FE,06,FE
 ,7C
 676 DATA11,00,33,32,00,12,00
 ,34
 678 DATA32,00,13,00,35,32,00
 ,14
 680 DATA00,36,32,00,15,00,37
 ,32
 682 DATA00,16,00,38,32,00,17
 ,00
 684 DATA39,32,00,00,09,00,33
 ,32
 686 DATA2D,20,2B,1C,00,00,0C
 ,0C
 688 DATA0C,0C,0C,0C,0C,00,00
 ,19
 690 DATA18,23,23,1C,2A,00,0C
 ,0C
 692 DATA0C,0C,0C,0C,0C,00,2B
 ,1C
 694 DATA24,27,2A,00,0C,0C,0C
 ,0C
 696 DATA00,2B,26,25,00,2A,1A
 ,26
 698 DATA29,1C,00,32,32,32,32
 ,32
 700 DATA32,32,32,00,00,1F,18
 ,2C
 702 DATA2B,00,2A,1A,26,29,1C
 ,00
 704 DATA32,32,32,32,32,32,32
 ,32
 706 DATA00,00,00,2A,20,1B,1C
 ,29
 708 DATA18,23,00,00,27,18,29
 ,00
 710 DATA24,00,18,00,18,00,1D
 ,29
 712 DATA1C,25,26,2B,00,00,33
 ,3B
 714 DATA3A,37,00,00,00,00,00
 ,00
 716 DATA78,A9,40,8D,15,03,19
 ,00
 718 DATA8D,14,03,8D,20,D0,8D
 ,21
 720 DATAD0,A9,43,8D,19,03,A9
 ,1E
 722 DATA8D,18,03,A9,00,8D,0E
 ,DD
 724 DATA8D,0E,DC,8D,11,D0,A2
 ,00
 726 DATAA9,00,9D,00,04,9D,00
 ,05
 728 DATA9D,00,06,9D,00,07,9D
 ,00
 730 DATA8D,9D,00,D9,9D,00,DA
 ,9D
 732 DATA00,DB,E8,D0,E5,A9,00
 ,9D
 734 DATA00,D0,E8,E0,11,D0,F8
 ,A2
 736 DATA06,A9,21,9D,F9,07,CA
 ,10
 738 DATAFA,A9,36,8D,01,D0,A9
 ,A0
 740 DATA8D,00,D0,A9,FF,8D,15
 ,D0
 742 DATAA9,20,8D,F8,07,A2,80
 ,1D
 744 DATA00,43,9D,00,08,CA,10
 ,F7
 746 DATAA9,0D,8D,27,D0,A2,1F
 ,A9

748 DATA00,95,E0,CA,10,FB,A9
 ,00
 750 DATA85,FF,A9,0A,85,FD,A9
 ,FF
 752 DATA8D,1C,D0,8D,25,D0,A9
 ,03
 754 DATA8D,26,D0,A9,07,8D,22
 ,D0

806 DATA18,91,A8,A5,A8,18,69
 ,28
 808 DATA85,A8,90,02,E6,A9,E8
 ,E0
 810 DATA10,D0,E6,A9,0B,A2,00
 ,9D
 812 DATA00,D9,9D,00,D9,E8,D0
 ,F7

DEULIGNE

PLUS ON EST DE
 CONNARDS, MOINS
 L'ON SE
 TROUVE
 CON!



Bon, alors là, branchez votre joystick dans le petit trou où qu'y a écrit "port 2", et découvrez, la bouche bée et les yeux grand ouverts...

1 DATA13,29,157,17,145
 ,6,2,144,20,160,4,38,2
 ,173,,220,37,2,208,6,1
 85,44,200,32,53
 2 DATA235,136,16,238,7
 6,49,234:ID=51244:FORI=
 DTOD+31:READA:POKEI,A:
 NEXT:POKE2,16:POKE789,
 200

756 DATA8D,23,D0,A9,28,85,A9
 ,A0
 758 DATA00,84,A8,98,91,A8,C8
 ,D0
 760 DATAFB,E6,A9,A5,A9,C9,40
 ,D0
 762 DATAF2,A9,34,8D,01,D4,8D
 ,03
 764 DATAD4,A9,07,8D,0C,D4,A9
 ,61
 766 DATA8D,0D,D4,8D,07,D4,8D
 ,00
 768 DATAD4,A9,81,8D,12,D4,A9
 ,8F
 770 DATA8D,18,D4,A9,FA,8D,0E
 ,D4
 772 DATA8D,0F,D4,A9,0F,8D,13
 ,D4
 774 DATA8D,14,D4,A9,00,8D,05
 ,D4
 776 DATA8D,06,D4,A9,D8,8D,16
 ,D0
 778 DATAA9,80,85,F2,A9,FF,8D
 ,91
 780 DATA02,A2,00,8D,00,44,9D
 ,00
 782 DATA20,8D,00,45,9D,00,21
 ,E8
 784 DATAD0,F1,A2,27,8D,E0,45
 ,9D
 786 DATAF8,06,8D,58,46,9D,A8
 ,06
 788 DATABD,08,46,9D,48,07,8D
 ,30
 790 DATA46,9D,98,07,A9,03,9D
 ,A8
 792 DATADA,9D,98,DB,A9,07,9D
 ,48
 794 DATAD8,A9,05,9D,F8,DA,CA
 ,10
 796 DATAD3,A9,09,8D,1C,DB,A2
 ,00
 798 DATA00,01,98,9D,F8,DA,8A
 ,18
 800 DATA69,05,AA,C8,C0,08,D0
 ,F2
 802 DATAA9,00,85,A8,AA,A9,04
 ,85
 804 DATAA9,A0,0B,A9,0B,91,A8
 ,A0

814 DATA9D,00,DA,E8,E0,58,D0
 ,F8
 816 DATAA9,81,8D,1A,D0,AD,1F
 ,D0
 818 DATAA9,18,8D,18,D0,A9,A8
 ,8D
 820 DATA12,D0,A9,10,8D,11,D0
 ,AD
 822 DATA19,D0,09,81,8D,19,D0
 ,A9
 824 DATAFF,85,F4,58,AD,00,DC
 ,29
 826 DATA10,F0,07,AD,01,DC,29
 ,10
 828 DATAD0,F2,A9,01,85,FF,AE
 ,25
 830 DATAD0,E8,8A,29,03,8D,25
 ,D0
 832 DATAA2,06,A5,F7,F0,18,FE
 ,A3
 834 DATA07,8D,A3,07,C9,3C,F0
 ,05
 836 DATAC6,F7,4C,50,48,A9,32
 ,9D
 838 DATAA3,07,CA,4C,56,48,A2
 ,07
 840 DATAA9,08,9D,4E,DB,CA,10
 ,FA
 842 DATAA9,0C,A6,FF,9D,4D,DB
 ,A9
 844 DATA08,A2,06,9D,5E,DB,CA
 ,10
 846 DATAFA,A6,FB,A9,0C,9D,5E
 ,07
 848 DATA9D,5E,DB,A5,FF,18,69
 ,32
 850 DATA8D,1E,07,A2,05,A9,08
 ,9D
 852 DATA6C,DB,CA,10,FA,A5,F2
 ,4A
 854 DATA4A,4A,4A,4A,AA,A9,0C
 ,9D
 856 DATA6C,DB,AD,1F,D0,29,01
 ,D0
 858 DATA03,4C,46,48,A2,00,86
 ,F4

```
860 DATAA9,1F,8D,05,D4,A9,8F
,8D
862 DATA06,D4,8D,01,D4,8D,00
,D4
864 DATAA2,40,A9,81,8D,04,D4
,A9
866 DATA01,8D,15,D0,A9,21,8D
,08
868 DATAD4,A0,FF,88,D0,FD,A9
,80
870 DATA8D,04,D4,A9,20,8D,08
,D4
872 DATA8A,4A,8D,08,D4,8D,01
,D4
874 DATAAD,01,D0,18,C9,96,B0
,03
876 DATAREE,01,D0,A0,FF,88,D0
```

```
,FD
878 DATACA,D0,C7,A5,FF,C9,07
,F0
880 DATA05,E6,FF,4C,D0,48,A9
,00
882 DATA8D,10,D4,A9,81,8D,04
,D4
884 DATAA9,04,8D,01,D4,A9,80
,8D
886 DATA04,D4,A2,07,A0,FF,86
,FF
888 DATA88,D0,FB,C6,FA,D0,F5
,A9
890 DATA60,85,FA,CA,D0,EE,A9
,00
892 DATA85,FF,A2,00,8D,A3,07
,18
```

```
894 DATAAD,B8,07,D0,08,E8,E0
,08
896 DATAD0,F2,4C,62,49,90,0B
,A2
898 DATA07,8D,A3,07,9D,50,46
,CA
900 DATA10,F7,AD,01,DC,29,10
,F0
902 DATA07,AD,00,DC,29,10,D0
,F2
904 DATA4C,80,46,00,00,00,00
,00
906 DATA*
```



Monopoly très joli où l'on peut jouer de 0 à 5, avec ou sans la participation de monsieur le computer, qui peut jouer tout seul contre lui même si ça lui chante.

Patrick DEBAUMARCHE

```
1 REM*****
2 REM***** C'EST LA VIE *****
3 REM*****
4 REM***** COMMODORE 64 *****
5 REM*****
6 REM***** P. DEBAUMARCHE*****
7 REM*****
8 B$(1)=" APPUYEZ SUR UNE TU
UCHE POUR CONTINUER " :AA=0:F
ORI=1:T015:READQ$:NEXT
9 DIMN%(30,1),V%(195,1),K%(
49,1),A$(99),R$(99),B%(13),P
%(98)
10 V=54272:B$(2)="
" :GOSUB370
11 FORI=1T030:READN%(I,0),N%(
I,1):NEXT
15 FORI=1T0195:READV%(I,0),V
%(I,1):NEXT
20 FORI=1T0249:READK%(I,0),K
%(I,1):NEXT :PK=1:GOSUB300:GO
SUB25:GOSUB370:GOTO414
25 POKEV+24,3:POKEV+9,220:PO
KEV+16,220:POKEV+10,15:POKEV
+17,15
30 POKEV+5,1:POKEV+6,249:POK
EV+2,15:POKEV+3,220
35 POKEV+12,10:POKEV+13,5
40 POKEV+19,10:POKEV+20,5:B=
4:R=0:POKE198,0
45 FORI=1T0195:Q=1:GOSUB200:
IFPK=2THENRETURN
47 FORI=1T02:IFPK=1THENAA=AA
+1:IFAA=3THENAA=1
48 IFPK=1THENPRINT "M" B$(AA)
50 IFB=0ORI=132THENGOSUB100
52 IFQ=0THEN70
55 POKEV+11,33:POKEV+18,33
60 POKEV+7,N%(V%(I,0),1):POK
```

```
EV+8,N%(V%(I,0),0)
65 POKEV+14,N%(V%(I,1),1):PO
KEV+15,N%(V%(I,1),0)
70 FORJ=1T020:NEXTJ:Q=0:B=B-
1:NEXTT:POKEV+4,64
75 POKEV+11,32:POKEV+18,32:N
EXTI
80 GOTO30
100 R=R+1:B=K%(R,1):POKEV+4,
55
110 POKEV,N%(K%(R,0),1):POKE
V+1,N%(K%(R,0),0)
115 RETURN
200 GETA$:IFA$=" "THENRETURN
201 IFPK=0AND(A$="0"ANDAS$C"4
")THENPK=2
202 IFPK=1THENPK=2:RETURN
203 RETURN
205 GOSUB370:GOTO404
300 POKE53280,1:POKE53281,0
302 PRINT "XXXXXXXXXXXXXXXXXX
"
304 PRINTTAB(9) "M"
306 PRINTTAB(9) "M"
308 PRINTTAB(9) "M"
310 PRINTTAB(9) "M"
312 PRINTTAB(9) "M"
314 PRINTTAB(6) "M"
316 PRINTTAB(6) "M"
318 PRINTTAB(6) "M"
```

```
320 PRINTTAB(6) "M"
322 PRINTTAB(6) "M"
324 PRINTTAB(6) "M"
326 PRINTTAB(16) "M(C) 1985"
328 PRINTTAB(9) "M PAR PATRICK
DEBAUMARCHE":POKE1159,160
350 RETURN
370 FORI=0T024:POKEV+I,0:NEX
T
371 RETURN
372 PRINT "M"
414 FORI=1T025:PRINT "M":IFI=
20THENPRINT " UN MOMENT SVP,
CHARGEMENT DES DATA.."
415 NEXT
418 FORI=1T012:READB%(I):NEX
T
420 I=1:B=1
421 IFI=100THEN430
422 IFB%(B)=I THENA$(I)=A$(20
):I=I+1:B=B+1:GOTO421
426 READA$(I)
428 I=I+1:GOTO421
430 FORI=1T099:READK%(I):NEX
T
432 FORI=1T06:READM$(I),MI%(
I):NEXT
440 FORJ=1T04:READC$(J),P$(J
,0),P$(J,1)
442 NEXT
444 POKE53269,255:POKE2040,1
3
```

445 FORI=2041T02047:POKEI,15
NEXT:FORI=960T01023:POKEI,2
55:NEXT
446 FORI=0T063:READQ:POKE832
+1,0:NEXT
447 FORI=1T05:READZ(I):NEXT
448 P%(1)=1906:FORI=2T098:RE
ADP:P%(1)=P%(1)+Z(P):NEXT
449 FORI=1T06:READMS(I):NEXT
450 GOTO2500
500 PRINT"JIM ABOUT D
U JEU"
502 PRINT"IL'EST AVOIR LE PL
US D'ARGENT POSSIBLE A LA FI
N DE SA VIE."
504 PRINT"DEPUIS VOTRE FORM
ATION PROFESSIONNELLE"
505 PRINT"JUSQU'A VOTRE RETR
AITE EN MAISON DE"
506 PRINT"CAMPAGNE OU EN RES
IDENCE DE MILLIONNAIRE"
508 PRINT"SAACHEZ PRENDRE LA
VIE DU BON COTE!"
510 PRINT"JOUEZ EN BOURSE,E
MPRUNTEZ,PAYEZ,FAITES DES I
NVESTISSEMENTS!!"
512 PRINT"MELIMINEZ VOS ADVE
RSAIRES,POURQUOI PAS!"
514 PRINT"ML'ORDINAITEUR PEUT
SIMULER DES JOUEURS SIVOUS
LE DESIREZ"
516 PRINT"MAX 5 JOUEURS HUM
AINS"
520 PRINT"ENTAPEZ UNE TO
UCHE POUR CONTINUER":POKE198
,0
522 GETA\$:IFA\$=""THEN522
600 RETURN
998 DATA←,↑,⇐,⇒,↵,↶,↷,↸,
\$,&,J,*,π
1000 DATA8,50,8,175,9,51,9,1
91,10,84,10,241,11,152,12,73
,13,4,13,201,14,156
1005 DATA15,122,16,101,17,96
,18,104,19,128,20,169,21,227
,23,49,24,146,26,8
1010 DATA27,148,29,57,30,245
,32,204,34,192,36,208,39,1,4
1,83,43,200
1015 DATA0,0,0,0,24,8,25,1,2
5,8,20,8,25,11,18,6,25,10,17
,5,25,8,20,8,25,8
1020 DATA20,8,24,8,25,1,25,8
,25,8,24,8,25,1,25,8,20,8,25
,11,18,6,25,10
1025 DATA29,5,28,4,27,3,25,1
9,27,15,27,19,24,8,20,8,22,1
0,24,12,25,1,25,8
1030 DATA20,8,25,11,18,6,25,
10,29,5,25,8,20,8,25,8,20,8,
24,8,25,1,20,5,13,29
1035 DATA0,0,25,1,25,8,23,11
,25,8,22,10,25,10,21,9,25,9,
20,8,25,8,20,8,24,12
1040 DATA25,13,20,8,13,1,0,0
,13,1,29,25,20,8,29,25,25,13
,29,25,20,8,29,25
1041 DATA18,6,30,22,18,6,30,
21,29,17,29,25,20,8,29,25,25
,13,29,25,20,8,29,25
1042 DATA25,13,29,25,29,17,2
8,16,27,15,24,20,27,15,22,20
,24,20,18,6,17,5,15,3
1043 DATA13,1,29,25,20,8,29,
25,25,13,29,25,20,8,29,25,18
,6,30,22,18,6,30,21
1044 DATA29,17,29,25,25,13,2
9,23,30,25,30,25,28,19,28,19
,20,29,20,29,20,29

1045 DATA20,29,25,15,22,15,2
4,20,24,20,25,13,20,8,13,1,0
,0,18,6,30,25,25,13
1046 DATA30,25,23,11,30,23,1
8,6,30,23,15,3,30,22,22,10,3
0,22,20,8,27,23,27,15
1047 DATA27,23,23,11,27,23,2
0,8,21,9,22,10,30,25,27,15,3
0,27,29,17,29,24,21,9
1048 DATA29,24,29,22,29,22,2
9,20,25,13,18,6,30,25,25,13,
30,25,23,11,30,23,18,6
1049 DATA30,23,15,3,30,22,22
,10,30,22,20,8,27,23,27,15,2
7,23,23,11,27,23,20,8
1050 DATA21,9,22,10,17,5,14,
2,24,12,13,1,30,25,25,13,13,
1,18,6,0,0,18,6,0,0
1055 DATA15,1,16,1,17,1,25,2
,17,1,25,2,17,1,25,6,25,1,27
,1,28,1,29,1,25,1,27,1
1066 DATA29,2,24,1,27,2,25,6
,15,1,16,1,17,1,25,2,17,1,25
,2,17,1,25,7,22,1,20,1
1067 DATA19,1,22,1,25,1,29,2
,27,1,25,1,22,1,27,6,15,1,16
,1,17,1,25,2,17,1,25,2
1068 DATA17,1,25,6,25,1,27,1
,28,1,29,1,25,1,27,1,29,2,24
,1,27,2,25,6,25,1,27,1
1069 DATA29,1,25,1,27,1,29,2
,25,1,27,1,25,1,29,1,25,1,27
,1,29,2,25,1,27,1,25,1
1070 DATA29,1,25,1,27,1,29,2
,24,1,27,2,25,5,17,1,18,1,19
,1,20,2,22,1,20,2,17,1
1071 DATA18,1,19,1,20,2,22,1
,20,2,17,1,13,1,8,1,10,1,12,
1,13,1,15,1,17,1,15,1
1072 DATA13,1,15,1,8,1,17,1,
18,1,20,1,22,1,20,1,17,1,18,
1,20,2,22,1,20,2,17,1

1079 DATA20,1,15,2,13,4,18,4
,17,1,21,1,24,1,29,2,27,1,24
,1,25,1,22,4,23,4,22,1
1080 DATA21,1,22,4,25,2,27,2
,11,1,10,1,11,1,13,1,15,2,18
,1,17,1,18,4,22,2,23,2
1081 DATA8,1,7,1,8,1,10,1,11
,1,20,1,15,2,20,1,15,2,20,1,
15,2,13,4,18,3,18,1
1082 DATA22,1,25,2,20,2,13,1
,15,1,17,1,18,2,0,0,30,2,0,0
1088 DATA27,38,42,46,55,59,6
2,65,71,78,83,92
1089 DATA"2 ALLEZ HOP! PASSO
NS AUX CHOSSES SERIEUSES C'ES
T PARTI!!!!!!"
1090 DATA"1+PAS DE CHANCE! V
OUS PAYEZ 1000F POUR UENOUV
ELLE ASSURANCE-AUTO"
1100 DATA"1PROGRAMME D'ORDI
PUBLC A HEBDOGICIEL: 1000
F DANS VOTRE POCHE!"
1110 DATA"1+ET LE LOYER DE V
OTRE STUDIO? ALLEZ,ALLEZPAYE
Z 1000F"
1120 DATA"1EXAMEN D'ENTREE:
FAUT SE PREPARER: PASSEZ UN T
OUR"
1130 DATA"2+RIEN N'EST GRATU
IT! FRAIS D'INSCRIPTION:2000
F"
1140 DATA"10FAINEANT! ECHEC
A L'EXAMEN D'ENTREE: PASS
EZ UN TOUR"
1145 DATA"1+FAUT PAS SE GARE
R N'IMPORTE OUI! 1000
F D'AMENDE"
1150 DATA"1RECOMPENSE DE 10
00F POUR AVOIR REPAIRE L'OR
DI DE L'UNIVERSITE!"
1160 DATA"1=VOUS SEREZ MEDEC
SALA
SALA



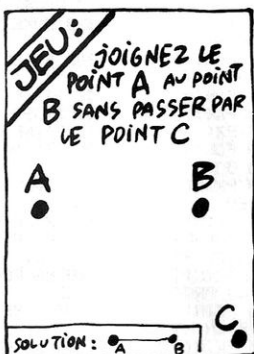
1073 DATA18,1,19,1,20,2,22,1
,20,2,20,1,22,1,23,1,24,1,24
,2,24,2,22,1,19,1,15,1
1074 DATA20,5,17,1,18,1,19,1
,20,2,22,1,20,2,17,1,18,1,19
,1,20,2,22,1,20,2,17,1
1075 DATA13,1,8,1,10,1,12,1,
13,1,15,1,17,1,15,1,13,1,15,
1,13,5,8,1,7,1,8,1,10,2
1076 DATA10,1,13,2,10,1,13,1
,10,1,8,1,13,1,17,1,20,2,17,
1,13,1,8,1,10,2,13,2
1077 DATA17,1,15,2,13,6,0,0,
22,1,21,1,22,4,25,2,27,2,11,
1,10,1,11,1,13,1,15,2
1078 DATA18,1,17,1,18,4,22,2
,23,2,8,1,7,1,8,1,10,1,11,1,
20,1,15,2,20,1,15,2

IRE:10000F"
1170 DATA"1=VOUS SEREZ JOURN
ALISTE! BRAVO. SALA
IRE:20000F"
1180 DATA"1=VOUS SEREZ AVOCA
T! BONNE CHANCE! SALA
IRE:15000F
1190 DATA"1=VOUS SEREZ PROF!
MON PAUVRE VIEUX! SALA
IRE:8000F"
1200 DATA"1=INFORMATICIEN! V
OULA LE PLUS BEAU METIERSALA
IRE:25000F"
1210 DATA"2=ALLEZ ZOU! DIPLO
ME UNIVERSITAIRE SALA
IRE:6000F"

C'EST LA VIE

1211 DATA"1+COMPTE EN BANQUE
DECOUVERT:PAYEZ 1000F"
1212 DATA"1+VOUS GAGNEZ 5000
BALLE GRACE A UN CONC
OURS DE BEAUTE (SIC!)"
1213 DATA"1+PAYEZ 1000F D'AM
ENDE POUR AVOIR INSULTE UNE
CONTRACTUELLE"
1214 DATA"2=VOUS ETES ENGAGE
PAR UNE SOCIETE: SALA
IRE:5000F"
1220 DATA"2EYOUPIE!! LA FIN
DU MOIS! VOUS PERCEVEZ VOTR
E SALAIRE"
1230 DATA"1+HAPPY BIRTHDAY!
RECEVEZ 1000F"
1240 DATA"1+LE LOTO,CA RAPPO
RTE! 5000F!"
1250 DATA"1+C'EST CHER LE PR
OCES A VOTRE VOISIN: VOUS
PERDEZ 10000F!"
1260 DATA"3?VOUS VOULEZ UNE
ASSURANCE-VIE? PAYEZ 5000
F"
1270 DATA"1+C'EST BEAU L'AMO
UR:VOUS PAYEZ 1000F POUR LA B
AGUE DE FIANCAILLES!"
1280 DATA"1+PAS MAL L'HERITA
GE DE VOTRE ONCLE! PERC
EVEZ 5000F"
1290 DATA"1+TOUT DOUX SUR L'
AUTOROUTE! PAYEZ 1000F POUR
EXCES DE VITESSE"
1300 DATA"2+VOTRE MARIAGE! V
OUS ETES CONTENT HEIN? VOUS
RECEVEZ DES CADEAUX"
1310 DATA"1+LA LUNE DE MIEL
C'EST PAS GRATUIT! 1000FDE F
RAIS!"
1320 DATA"1+PASSEZ UN TOUR:F
AUT PRENDRE LE TEMPS DE VIVR
E!"
1330 DATA"1+OH LE VILAIN CHA
FFARD! VOTRE ASSURANCE VOIT
URE EST SUPPRIMEE!"
1340 DATA"1+UN ACCIDENT TOUT
BETE! PAYEZ 4000F SI VOUS
N'ETES PAS ASSURE"
1350 DATA"1+C'ETAIT BIEN BEA
U LE VOYAGE A MIAMI! 1000
0F DE FRAIS"
1360 DATA"1?SI VOUS VOULEZ U
NE MARQUE DE STANDING..1000
0F"
1370 DATA"1+VILAIN FRAUDEUR!
LE FISC VOUS FAIT PAYE
R 10000F!"
1380 DATA"2+ET LA TAXE DU MA
GNETOSCOPE ? 2000
F!"
1390 DATA"3?ASSURANCE-INCEND
IE? SI VOUS AVEZ 5000F A PE
RDRE..."
1400 DATA"1+JOUR DE CHANCE:1
0000F EN POCHE,ON LES RISQ
UE POUR 150000F?"
1410 DATA"1+UN GARCON! LA FR
ANCE A SI BESOIN DE VOUS!!"
1420 DATA"1?ENCORE UNE MARQU
E DE STANDING:12000F COMM
E VOUS VOULEZ.."
1430 DATA"1+FELICITATIONS C'
EST UNE FILLE! VOUS EN AVEZ
DE LA CHANCE!"
1440 DATA"1+PAS CONS CES CON
COURS D'HEBDOGICIEL! VOUS
GAGNEZ 20000F!"
1450 DATA"1+CHOISISSEZ UNE V
ICTIME ET PERCEVEZ-EN 3000

0F!"
1460 DATA"1+DES JUMEUX! QUE
L DOUBLE MES RIEUX!"
1470 DATA"2+LES IMPOTS! 1000
0F SI VOUS AVEZ DES MARQ
UES DE STANDING!"
1480 DATA"3?VOUS VOULEZ UNE
ACTION? SI OUI C'EST 2500
0F"
1490 DATA"1+NOUVELLE NAISSAN
CE! UN JOLI PETIT GARCON(MON
PAUVRE VIEUX!)"
1500 DATA"1+SI VOUS ETES ACT
IONNAIRE,VOUS POUVEZ JOUE
R EN BOURSE"
1510 DATA"1+MAISON EN FEU! P
AYEZ 30000F SI VOUS N'AY
EZ PAS D'ASSURANCE"
1520 DATA"1?MARQUE DE STANDI
NG! 28000F ! A PRENDRE OU A
LAISSER!"
1530 DATA"1+UNE FILLE! UNE D
E PLUS,VOUS ME DIREZ.."
1540 DATA"1+VOTRE LOGICIEL E
ST EDITE:100000F!"
1550 DATA"1+SI VOUS ETES ACT
IONNAIRE,PAYEZ 120000F ->LA
BOURSE EST EN BAISSE!"
1560 DATA"1?MARQUE DE STANDI
NG! IL EST BEAU! ONLY 1800
0F SI VOUS L'ACHETEZ!"
1570 DATA"1+VOTRE LOGICIEL F
AIT SUCCES:50000F DE BENE
FICE!"
1580 DATA"1+AH AH! PRENEZ UN
JOUEUR ET FAITES-VOUS PAYE
R 60000F!"
1590 DATA"1+JOUR DE CHANCE!
VOUS RECEVEZ 10000F,ON LES
RISQUE POUR 150000F?"
1600 DATA"1+BOURSE EN HAUSSE
! VOUS TOUCHEZ 100000F SI V
OUS ETES ACTIONNAIRE"
1610 DATA"1+ERREUR DU FISC:V
OUS RECEVEZ 50000F!"
1620 DATA"1?MARQUE DE STANDI
NG! 18000F SI VOUS EN AVEZ
ENVIE!"
1630 DATA"2+SUPPLEMENT D'IMP
OTS:PAYEZ 10000F"
1640 DATA"1+SI VOUS ETES ACT
IONNAIRE,VOUS POUVEZ JOUE
R EN BOURSE"
1650 DATA"1+VOUS GAGNEZ UN C
ONCOURS:20000F DE PLUS!"
1660 DATA"1+YERK YERK! CHOIS
ISSEZ VOTRE VICTIME ET PERC
EVEZ-EN 80000F!"
1670 DATA"1+TOUCHEZ 7000F SI
VOUS ETES ACTIONNAIRE!"
1680 DATA"1+VOUS GAGNEZ ,VEI
NARD,10000F AU LOTO!"
1690 DATA"1+CE QUE C'EST CON
DE PERDRE 10000F DANS LE F
LEUVE! MALADROIT!"
1700 DATA"1+JOUR DE CHANCE!
10000F EN POCHE OU LES RISQ
UER POUR 150000F!"
1710 DATA"1+VOUS TROUVEZ UNE
MINE D'OR! ELLE VOUS AURA
RAPPORTE 150000F!"
1720 DATA"1+VOUS PAYEZ LA CA
UTION DE VOTRE AMI: 1000
0F"
1730 DATA"1+UN PETIT MALAISE
! REPOSEZ-VOUS DONC PEND
ANT UN TOUR!"
1740 DATA"1+APPENDICITE RIGU
E! 10000F DE FRAIS D'HO



PITAL"
1750 DATA"1+PRENEZ UN JOUEUR
ET PERCEVEZ-EN 100000F GNAC
! GNAC!"
1760 DATA"1+VOUS ETES TROP B
ON:VOUS DONNEZ 20000F A UNE
OEUVRE DE BIENFAISANCE"
1770 DATA"2+LES IMPOTS! 4000
0F!"
1780 DATA"1+LA BOURSE EN HAU
SSE! RECEVEZ 60000F SI VOUS
ETES ACTIONNAIRE"
1790 DATA"1?MARQUE DE STANDI
NG A 30000F! A PRENDRE OU A
LAISSER!"
1800 DATA"1+MAISON EN FEU:PA
YEZ 50000F SI VOUS N'ET
IEZ PAS ASSURE"
1810 DATA"1+SI VOUS N'AVEZ P
AS DE MONES,PAYEZ 50000FA UN
ORPHELINAT"
1820 DATA"1+VOUS GAGNEZ 2000
0F AU TIERCE!"
1830 DATA"1+SI VOUS AVEZ UNE
ASSURANCE-VIE,VOUS RECE
VEZ 100000F"
1840 DATA"2+JOUR DES COMPTES
!! CHOISISSEZ VOTRE VOIE"
1850 DATA"1+VOUS PERDEZ 2000
0F DANS UNE SOMBRE HISTO
IRE"
1860 DATA"3+SI VOUS AVEZ UNE
ACTION, VENDEZ LA POUR 1000
00F"
1870 DATA"1+PASSEZ VOTRE TOU
R,VOUS AVEZ EU UN INFRA
CTION"
1880 DATA"1+EN PRISON POUR F
RAUDE FISCALE! PAYEZ 3000
0F POUR ETRE LIBERE!"
1895 DATA"1+RESIDENCE DE MIL
LIONNAIRE"
2000 DATA0,1,1,1,0,2,0,1,1,1
0,20,15,8,25,6,1,5,1,5,0,1,5
10,5,1,5,0,1,0,1,0,0
2010 DATA4,10,10,10,2,0,5,10
1,0,12,1,20,0,30,2,10,0,1,0
30,20,0,1,100,120,0,18
2020 DATA50,0,60,10,0,100,50
16,10,0,0,20,00,7,10,10,10,
0,150,10,0,10,0,100,20
2030 DATA40,60,30,50,50,20,0
100,0,20,100,0,30,0

```

2040 DATA"CHEVAUX DE COURSE",
13,"YACHT LUXUEUX",14,"AVIO
N PARTICULIER",14
2050 DATA"ROLLS ROYCE",10,"O
EUVRES D'ART (COLLECTION)",1
3
2051 DATA"VILLA SUR LA COTE
D'AZUR",12
2070 DATAJACK,DEPENSIER,"ET
RISQUEUR"
2080 DATARITON,ECONOME,"MAIS
RISQUEUR"
2090 DATAMAX,DEPENSIER,"MAIS
PRUDENT"
2100 DATALOUIS,ECONOME,"ET P
RUDENT"
2280 DATA000,000,000,000,000
,000,001,255
2290 DATA000,007,199,192,007
,199,192,030
2310 DATA000,240,028,000,112
,030,254,240
2320 DATA006,254,192,006,254
,192,006,254
2330 DATA192,006,254,192,006
,254,192,006
2340 DATA254,192,006,254,192
,006,255,064
2350 DATA029,255,112,028,254
,112,028,124

```

```

3007 PRINT"COMBIEN DE J
OUEURS HUMAINS? (1 A 5)":POK
E198,0
3008 GETA$:IFA$(1"ORA$)"5"
T
HEN3008
3010 JJ=VAL(A$):IFVX=1ANDJJ=
1THENPRINT"AU MOINS DEUX,S
VP!":GOSUB6600:GOTO3006
3011 NJ=JJ
3016 IFVX=3ORVX=2THEN3018
3017 GOTO3046
3018 PRINT"LE COMPUTER PEUT
SIMULER JUSQU'A 4 JO
UEURS"
3020 PRINT"COMBIEN EN VOULE
Z-VOUS?"
3021 IFVX=3THENPRINT"(AU M
OINS DEUX)"
3023 GETA$:IFA$(1"ORA$)"4"
T
HEN3023
3024 JO=VAL(A$):IFVX=3ANDJO<
2THEN3018
3025 PRINT"CHOISISSEZ PARM
I LES 4 PROPOSES:"
3026 FORI=1TO4:PRINT" C$(I
):PRINT"NEXT:PRINT"
3028 FORI=1TO4:PRINTTAB(12)"
:"P$(I,0)","P$(I,1)":PRINT"
NEXT

```

```

0:VAX(I)=0:NEXT
3060 C(1)=1:C(2)=2:C(3)=5:V=
54272:CH=0:U=0:RO=1:JN=NJ
3062 MN=0:U=U+1:IFU<NJTHENU=
1:RO=RO+1:GOSUB6450
3063 IFPA%(U)=1THENPA%(U)=0:
GOTO3062
3065 GOSUB3800
3067 IFJ%(U)=0ORJ%(U)=-1THEN
GOSUB6000:GOTO3062
3070 GOSUB3500
3071 IFRO=1AND(U<=JJORJO=0)T
HENGOSUB5400:GOSUB5330
3072 GOSUB4000:GOSUB4100:GOS
UB5000
3073 IFMN<2THENGOSUB5400:GO
TO3075
3074 GOSUB5330
3075 GOTO3062
3500 PRINT"

```

```

3505 PRINT"
":PRINT"
":PRINT"
3510 FORT=1TO18:PRINTTAB(26)
"NEXT
3520 POKE2010,93:POKE1490,11
5:POKE1183,64:GOSUB5500
3525 GOSUB5500:E=JX(U):FORW=
0TO6
3526 IFE+W>98THENPRINT:GOTO35
34
3527 IFVX(U)=2ANDW=4THENE
=E+12
3530 GOSUB3531:NEXT:GOTO3534
3531 POKE53264,PEEK(53264)OR
(2*(W+1)):POKE53250+W*2,24:P
OKE53251+W*2,227-W*24
3533 POKE53288+W,C*(VAL(LEFT$(
A$(E+W),1)):RETURN
3534 POKE53264,PEEK(53264)OR
1:POKE53248,24:POKE53249,226
:POKE53287,14:GOSUB3536
3535 RETURN
3536 PRINT"
J
OUEUR #":J$(U)
3538 PRINT"ARGENT":
PRINT"TAB(16)
$(U)*1000"
3539 IFS%(U)<0AND(U<=JJORJO=
0)THENGOSUB5434:GOTO3566
3540 IFS%(U)<1ANDU<JJTHENGOS
UB6600:GOSUB5460:GOTO3566
3541 PRINT"-SALAIRE":
$::IFS%(U)=0THENPRINT"RUCU
N":GOTO3544
3542 PRINT"SAZ(U)*1000"

```

```

3544 PRINT"-ASSURANCES":FO
RI=1TOLEN(A$(U))
3545 IFMID$(A$(U),I,1)="V"
THENPRINT"VOITURE"
"
3546 IFMID$(A$(U),I,1)="L"
THENPRINT"VIE"
"
3547 IFMID$(A$(U),I,1)="I"
THENPRINT"INCENDIE"
"
3548 NEXT:IFAS$(U)=""THENPRI
NT"RUCUNE"
3550 PRINT"-ACTIONS":
$::IFX%(U)=0THENPRINT"AUC
UNE":GOTO3556

```

```

2360 DATA112,007,131,192,003
,255,000,000
2365 DATA1,-1,40,-40,118
2370 DATA4,4,1,1,1,1,1,4,4,4
,2,2,2,2,5,4,4,4,1,4,4,4,1,1
,1,1,1,1,1
2372 DATA3,3,3,3,3,3,3,1,1,1
,1,4,4,4,4,1,1,1,3,3,1,1,1,4
,4,4,4,2,2,4,4
2374 DATA1,1,1,1,1,1,1,1,1,1
,1,1,3,3,3,3,2,2,2,2,3,3,3,3
,1,1,1,1,1,1,1,1,1,1,1,1
2375 DATA1,35,43,54,60,68,88
2500 GOSUB500:PRINT"
OPTIONS
-
2502 PRINT"-----JOUEUR(S
) CONTRE JOUEUR(S)"
2504 PRINT"-----JOUEUR(S
) CONTRE COMPUTER"
2506 PRINT"-----COMPUTER
CONTRE COMPUTER"
2508 PRINT"-----MOTR
E CHOIX,ALBERT:"POKE198,0
2510 PK=0:GOSUB25:PRINT"
TAB(29)A$:VX
=VAL(A$):GOSUB6600
3000 REM#INITIALISATION*****
**
3006 IFVX=3THEN3018

```

```

3030 POKE198,0
3032 PRINT"ALORS?"
3033 FORI=1TOJO:PRINT"
3034 GETA$:IFA$(1"ORA$)"4"
T
HEN3034
3036 IFLEN(C$(VAL(A$)))=2THE
N3034
3038 FORT=1TOVAL(A$):PRINT"
NEXT:PRINT"
3040 NJ=NJ+1:J$(NJ)=C$(VAL(A
$)):C$(VAL(A$))=STR$(VAL(A$))
3042 NEXT:IFVX=3THEN3057
3046 PRINT"FORI=1TOJJ
3047 PRINT"JOUEUR #":PRI
NT"MOTRE NOM SVP (MAX:10 CA
RACTERES)"
3048 INPUTJ$(I):IFJ$(I)=""OR
LEN(J$(I))>10THEN3048
3049 FORN=1TONJ:IFJ$(I)=J$(N
)ANDI<NTHENPRINT"DEJA PRIS"
:GOSUB6600:GOTO3047
3050 NEXT:NEXT
3057 DEFFN(X)=INT(RND(1)*X)
+1
3058 FORI=1TONJ:JX(I)=1:SX(I
)=3:AS$(I)="V":FX(I)=0:FOX(I
)=0:SAZ(I)=0:PAZ(U)=0
3059 TRX(I)=0:XX(I)=0:MX(I)=

```

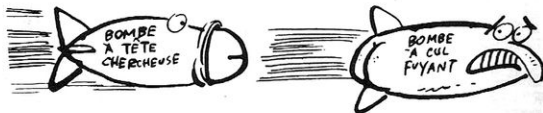


- C'EST LA VIE

```

3552 PRINT "JUNE"
3556 PRINT "NOMBRE D'ENFANTS
: M": IF FG%(U)=0 THEN PRINT "AU
CUN": GOT03558
3557 PRINT "FG%(U)":
3558 PRINT "EMPRUNTS":
: IF F%(U)=0 THEN PRINT "AUC
UN": GOT03562
3560 PRINT "F%(U)":
3562 PRINT "INVESTISSEMENTS:
M": IF M%(U)=0 THEN PRINT "AUC
UN": GOT03565
3564 PRINT "M%(U)":
3565 PRINT "
"
3566 IF R0=1 AND SA%(U)=0 THEN GO
SUB3700: RETURN
3568 RETURN
3700 PRINT "M"
3705 B=MID$(A$(J%(U)),3,LEN
(A$(J%(U)))-2)
3706 PRINT Q
3708 RETURN
3800 GOSUB5500: PRINT "
JOUVEUR #": J%(U): PL=1
3802 IFU>JT THEN PRINT TAB(12)"
COMPUTER PLAYER": PL=0
3803 FORI=VTOV+16: POKEI,0: NE
XT
3804 POKEV+5,8: POKEV+6,255: P
OKEV+4,23: FORF=15 TO 30 STEP5
3805 FORG=1 TO 25 STEP5
3806 POKEV+15,F: POKEV+1,G: NE
XT: NEXT: POKEV+6,15
3807 IFPL=0 THEN 3820
3808 IFR0<1 THEN 3818
3810 PRINT "AFFIN DE PREPAREZ
VOTRE FUTURE CARRIERE"
3811 PRINT "CHOISISSEZ ENTRE
CES DEUX PASSAGES":
3812 PRINT "11-PAR L'UNIVE
RSITE"
3813 PRINT "12-PAR LES AFF
AIRES (PLUS RISQUE)": POKE198
,0
3814 GETA$: IFA$="1" OR A$>"2" T
HEN 3814
3815 V%(U)=VAL(A$): IFA$="1"
THEN PRINT "11" TAB(13)"UNIVERS
ITE": GOT03818
3816 PRINT "12" TAB(13)"LES AF
FAIRES"
3818 GOSUB3900: RETURN
3820 IFR0<1 THEN RETURN
3821 IF J%(U)="JACK" OR J%(U)="
RITON" AND FN%(10)>7 THEN V%(U)
=2: GOT03824
3822 V%(U)=1
3824 PRINT "MON CHOIX :
": IF V%(U)=1 THEN PRINT "L'UNI
VERSITE"
3826 IF V%(U)=2 THEN PRINT "LES
AFFAIRES"
3828 GOSUB6600: RETURN
3830 RETURN
3900 IFU>JT THEN GOSUB6600: GOS
UB6600: GOSUB6600: RETURN
3901 PRINT "APPUYEZ SUR
POKE198,0
3902 GETA$: IFA$="1" THEN 3902
3906 RETURN
4000 GOSUB5300: PRINT "
TIRAGE ALÉATOIRE": FORI=1
TO 16: POKEV+I,0: NEXT
4002 POKEV+5,6: POKEV+1,40: PR
INT "
": POKE198,0

```



```

4003 AL=INT(RND(1)*5)+1
4004 MU=INT(RND(1)*60)+1: MA=
INT(RND(1)*55)+1
4006 POKEV+15,MA: POKEV+4,23:
AL=AL+1: IFAL>6 THEN AL=1
4008 POKE1355,AL+48
4010 POKEV+4,0: IFU>JT THEN 401
4
4012 GETA$: IFA$="1" THEN 4004
4013 GOSUB6600: RETURN
4014 LA=FN%(50)
4016 IFLA>40 THEN FORT=1 TO 1000
: NEXT: RETURN
4018 GOT04004
4100 P1=226: G=0: FORT=1 TOAL
4105 IFJ%(U)=3 THEN IF V%(U)=2
THEN J%(U)=15
4115 FORT=P1 TO P1-24 STEP-1: P
OKE53249,TT: NEXT: P1=P1-24: V1
=8: V2=50: GOSUB7000
4117 J%(U)=J%(U)+1: LA=AL
4118 IFJ%(U)=99 THEN J%(U)--1:
GOT06800
4120 RC=VAL(LEFT$(A$(J%(U)),
1)): IFRC=2 AND T<>L OR RC=3 AND T
<>L THEN GOSUB5000
4125 IFMN>0 THEN 4155
4150 NEXT
4155 GOSUB4500
4160 AL=0: RETURN
4500 PRINT "M": FORKL=1 TO 5: PR
INT "
": NEXT
4502 RETURN
5000 IFMN>0 THEN RETURN
5001 GOSUB5330: GOSUB4500: GOS
UB3700
5002 RI$=MID$(A$(J%(U)),2,1)
5004 RESTORE LL=0
5006 LL=LL+1: READY$: IFR1$=Y$
THEN 5010
5008 GOT05006
5010 IFLL>8 THEN 5014
5012 ONLL GOSUB5020,5040,5060
,5082,5080,5082,5140,5160: RE
TURN
5014 ONLL-8 GOSUB5164,5180,52
00,5204,5230,5235,5250: RETUR
N
5020 S%(U)=S%(U)-A%(J%(U))
5022 RP=2: GOSUB5300: GOSUB353
6: GOSUB6600: RETURN
5040 S%(U)=S%(U)+A%(J%(U))
5042 RP=1: GOSUB5300: GOSUB353
6: GOSUB6600: RETURN
5060 PA%(U)=1: GOSUB6600: RETU
RN
5062 MN=1: SA%(U)=A%(J%(U)): S
%(U)=S%(U)+SA%(U): GOSUB6600
5064 PRINT "M": MIOUS TOU
CHEZ VOTRE IERE": PRINT "PAYE
": RP=1: GOSUB5300
5065 J%(U)=20: GOSUB3536: GOSU
B6600: RETURN
5080 S%(U)=S%(U)+SA%(U): RP=1
: GOSUB5300: GOSUB3536: GOSUB66
00: RETURN

```

```

5082 IFU>JT THEN 5120
5083 GOSUB5330: GOSUB6350: IFA
$="2" THEN 5119
5089 FORI=1 TO 6: IFJ%(U)=MS(I)
THEN S%(U)=S%(U)-A%(J%(U)): M%(
U)=M%(U)+1
5090 NEXT
5091 IFJ%(U)=24 THEN AS$(U)=AS
$(U)+L": S%(U)=S%(U)-5
5092 IFJ%(U)=39 THEN AS$(U)=AS
$(U)+I": S%(U)=S%(U)-5
5094 IFJ%(U)=50 THEN NX%(U)=1: S
%(U)=S%(U)-25
5119 GOSUB6400: GOSUB3536: RET
URN
5120 IFJ%(U)="JACK" OR J%(U)="
MAX" THEN 5122
5121 IF FN%(10)<8 THEN PRINT "
JOUVEUR EN VUE PAS!": GOS
UB6600: RETURN
5122 PRINT "
LE LA
PRENDS...": GOT05089
5140 MN=2: GOSUB6600: GOSUB450
0
5142 PRINT "VOUS RECEVEZ 10
00 X A% DE CHAQUE
JOUVE
UR"
5144 PRINT "A REPRESENTE
LE TIRAGE ALÉATOIRE"
5146 GOSUB4000: S%(U)=S%(U)+A
L*(NJ-1): RP=1: GOSUB5300: GOSU
B3536
5148 GOSUB4500: IFU>JT THEN 515
2
5149 PRINT "
TAPEZ UN
E TOUCHE": POKE198,0
5150 GETA$: IFA$="1" THEN 5150
5152 GOSUB5500: PRINT "": PRIN
T "
RECAPITULATIF"
5153 FORI=1 TO NJ: IFI=UTHEN 515
7
5154 IFI>5 THEN GOSUB3900: PRIN
T "
"
5155 PRINT "
JOUVEUR #": I: J%(
I): PERD" 1000 *AL": F": S%(I)=S%
(I)-AL
5156 PRINT "IL POSSEDE MAINT
ENANT 1000 *S(I)": F"
5157 NEXT: GOSUB3900: PRINT "":
RETURN
5160 B$="": FORI=1 TO LEN(AS$(
U))
5162 IF MID$(AS$(U),I,1)<>"V"
THEN B$=B$+MID$(AS$(U),I,1)
5163 NEXT: AS$(U)=B$: GOSUB64
00: GOSUB3536: GOSUB6600: RETUR
N
5164 FORI=1 TO LEN(AS$(U)): IFM
ID$(AS$(U),I,1)="V" AND J%(U)=
33 THEN 5175
5165 IF MID$(AS$(U),I,1)="I" A
ND J%(U)=53 OR J%(U)=89 THEN 51
75
5166 NEXT

```

```

5167 IFJX(U)=49ANDMX(U)=0THE
N5175
5168 IFJX(U)=58ANDX(U)=0THE
N5175
5169 IFJX(U)=90ANDFG(U)>0TH
EN5175
5170 SX(U)=SX(U)-AX(JX(U)):R
P=0:GOSUB5300:PRINT"
C'EST LA VIE!"
5171 GOSUB3536:GOSUB6600:RET
URN
5175 PRINT"
Z'AVEZ
DE LA CHANCE.":GOSUB6600:RE
TURN
5180 IFJX(U)=40ORJX(U)=64ORJ
X(U)=77THEN5190
5181 IF(JX(U)=66ORJX(U)=87OR
JX(U)=74ORJX(U)=96)ANDX(U)=
1THEN5186
5183 FORI=1TOLEN(AS$(U)):IFM
ID$(AS$(U),I,1)="L"ANDJX(U)=
93THEN5186
5184 NEXT
5185 GOSUB6600:RETURN
5186 SX(U)=SX(U)+AX(JX(U)):R
P=1:GOSUB5300:GOSUB3536:GOSU
B6600:RETURN
5190 IFU>JJANDJ$(U)="JACK"OR
J$(U)="RITON"THENGOSUB6600:G
OTO5192
5191 IFU>JJTHENPRINT"
NEIN!":SX(U)=SX(U)+10:RP=
1:GOSUB5300:GOTO5199
5192 IFU>JJTHENGOSUB4500:PRI
NT"
CHIFFRE.":N=FNX(
6):A$=STR$(N):GOTO5196
5193 GOSUB6350:IFA$="2"THENS
X(U)=SX(U)+10:RP=1:GOSUB5300
:GOSUB3536:RETURN
5194 GOSUB4500:PRINT"
CHOI
SISSEZ UN CHIFFRE ENTRE 1 ET
6":POKE198,0
5195 GETA$:IFA$<"1"ORA$>"6"
HEN5195
5196 N=VAL(A$):PRINTN:GOSUB4
000:GOSUB6600:IFN=ALTHEN5198
5197 GOSUB5300:PRINT"
PERDU!":GOSUB6600:RET
URN
5198 GOSUB5300:PRINT"
GAGNE!":SX(U)=SX(U)+1
50:RP=1:GOSUB5300
5199 GOSUB3536:GOSUB6600:RET
URN
5200 GOSUB6600:GOSUB4500:SX<
U>=SX(U)+(NJ-1):FGX(U)=FGX(U
)+1
5201 PRINT"
VOUS TOUCHEZ 1
000F DE CHAQUE JOUEUR":GOSUB
6600
5202 RP=1:GOSUB5300:GOSUB3535
6:GOSUB6600:AL=1:GOTO5148
5204 IFU>JJTHEN5220
5205 GOSUB6600:GOSUB5500:PRI
NT"
5206 FORI=1TONJ:IFI=UTHENNEX
T:GOTO5208
5207 PRINT"
I"=J$(I):NE
XT
5208 INPUT"
CHOISISSEZ
VOTRE VICTIME.":N
5209 IFN=UORN=ORNDNJTHEN520
8
5210 GOSUB6600:RP=1:GOSUB530
0:GX(U)=SX(U)+AX(JX(U)):GOSU
B3500
5211 PRINT"
JOUEUR # "N" "J
$(N)" PERD"AX(JX(U))*1000"F"
5212 PRINT"IL POSSEDE DESORM

```

```

AIS"(SX(N)-AX(JX(U)))*1000"F
5213 SX(N)=SX(N)-AX(JX(U)):R
ETURN
5220 GOSUB5500:GOSUB6600:PRI
NT"
5221 N=FNX(NJ):IFN=UTHEN5221
5222 PRINT"
JE SOUTIRE"AX(
JX(U))*1000"F":PRINT"AU JOUE
UR # "N" "J$(N)
5224 PRINT"
AH! AH! "
:GOTO5210
5225 SX(VB)=SX(VB)-AX(JX(U))
:GX(U)=SX(U)+AX(JX(U)):GOSUB
3500:RETURN
5230 GOSUB6600:FGX(U)=FGX(U)
+2:GX(U)=SX(U)+2*(NJ-1)

```

```

5260 PRINT"
VOUS AVEZ"GX(U)*
1000"F"
5261 GOSUB6600:GOSUB3900:PRI
NT"
5262 IFMX(U)>0THEN5270
5263 JX(U)=0:JN=JN-1:IFJN=0T
HENGOSUB6000
5264 PRINT"
NE POSSEDANT PA
S D'INVESTISSEMENTS,VOUS"
5265 PRINT"ETES OBLIGE D'ARR
ETER VOTRE PARCOURS ICI"
5266 PRINT"
VOUS RECEVREZ A C
HAQUE TOUR VOTRE"
5267 PRINT"
SALAIRE"
5268 PRINT"
BONNE CHANCE! "
:GOSUB6600:GOSUB3900:PRINT"
":RETURN

```



```

5231 GOSUB4500:PRINT"
VOUS
TOUCHEZ 2000F DE CHAQUE JOU
EUR"
5232 RP=1:GOSUB5300:GOSUB353
6:GOSUB6600:AL=2:GOTO5148
5235 GOSUB6600:IFX(U)=0THEN
PRINT"
TANT PIS!":
GOSUB6600:RETURN
5236 GOSUB4500:PRINT"
C
HIFFRE TIRE.":PRINT"
-1 A 3-
>VOUS GAGNEZ 50000F"
5237 PRINT"-4 A 5->"
QUE DALLE"
5238 PRINT"
-6 ->VOUS PER
DEZ 50000F"
5239 GOSUB4000:IFAL=6THENRP=
0:GOSUB5300:GX(U)=SX(U)-50:G
OSUB3536:GOSUB6600
5240 IFAL<4THENRP=1:GOSUB530
0:GX(U)=SX(U)+50:GOSUB3536:G
OSUB6600
5241 IFAL<3ANDAL<6THENGOSUB6
600
5242 RETURN
5250 MN=1:GOSUB5500:GOSUB660
0:PRINT"
JOUR DES COMP
TES"
5251 PRINT"
5252 PRINT"-
VOUS AVEZ DEMAN
DE"FX(U)"EMPRUNTS"
5253 IFX(U)=0THENPRINT"
VO
US NE DEVEZ DONC RIEN":GOTO5
257
5254 PRINT"
VOUS AVEZ"GX(U)*
1000"F"
5255 PRINT"
VOUS DEVEZ REMBO
URSER 22000 X"FX(U)"F":GX(U)
=SX(U)-22*FX(U)
5256 IFSX(U)<0THENSX(U)=0
5257 PRINT"
ARGENT:"GX(U)*
1000"F"
5258 PRINT"
- VOUS AVEZ"FGX(
U)"ENFANTS"
5259 PRINT"
VOUS TOUCHEZ 5000
F PAR TETE,SOIT"FGX(U)*5000"
F":GX(U)=SX(U)+FGX(U)*5

```

```

5270 PRINT"
QUIL VOUS RESTE U
N PETIT BOUT DE CHEMIN A"
5271 PRINT"
PARCOURIR JUSQU'A
VOTRE RETRAITE DE MILLI
ONNAIRE":POKE198,0
5272 PRINT"
C'EST ASSEZ RISQ
UE.VOULEZ-VOUS VOUS
ARR
TER ICI ? (O/N)"
5273 IFU=<JJORJO=0THEN5276
5274 IFJ$(U)="RITON"ORJ$(U)=
"JACK"THENPRINT"
QUESTI
ON!":GOSUB6600:GOTO5279
5275 PRINT"
BIEN REFLECHI
R,CELA VAUT MIEUX!":GOSUB660
0:AS="O":GOTO5277
5276 GETA$:IFA$<"O"ANDR$>"
N"THEN5276
5277 IFA$="O"THENJX(U)=0:JN=
JN-1:IFJN=0THENGOSUB6000
5278 IFA$="O"THENGOSUB6600:P
RINT"
:RETURN
5279 PRINT"
BONNE CHANCE,A
LORS!":GOSUB6600:PRINT"
":RE
TURN
5300 IFRP=1THENVI=10:V2=50:V
3=1:GOTO5302
5301 VI=50:V2=10:V3=-1
5302 FORI=0TO16:POKEV+I,0:NE
XT
5303 POKEV+13,107:POKEV+20,1
07:POKEV+19,15:POKEV+6,107:P
OKEV+12,15:POKEV+5,15
5304 POKEV+14,50:POKEV+15,40
5306 POKEV+4,33:POKEV+11,23:
POKEV+18,23
5310 FORF1=V1TOV2STEPV3:POKE
V+1,F1
5312 FORF2=30TO10STEP-5:POKE
V+8,F2
5314 NEXT:NEXT
5316 POKEV+4,32:POKEV+11,32:
POKEV+18,32
5318 RETURN
5330 PRINT"
":FORII=1
TO5:PRINT"

```



```

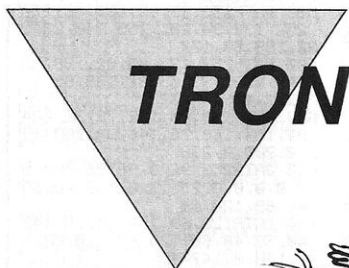
6770 PRINT"UN JOUR DES C
OMPTES,VOUS AVEZ LE CHOIX"
6772 PRINT"DE RESIDER DANS U
NE MAISON DE CAMPAGNE OU DE
MILLIONNAIRE"
6774 PRINT"LA PREMIERE SOLL
UTION EST OBLIGATOIRE SI"
6776 PRINT"VOUS NE POSSEDEZ
PAS D'INVESTISSEMENTS"
6778 PRINT"LA DEUXIEME VOUS
ASSURE UN REVENU"
6780 PRINT"PLUTOT AGREABLE J
USQU'A CE QUE TOUT LE MONDE
SOIT 'CASE'!"
6782 GOSUB3900:GOTO6700
6792 GOSUB3500:GOTO5400
6800 JX(U)=-1:JN=JN-1:IFJN=0
THEN GOSUB6000
6801 GOSUB3500:PRINT"R
ESIDENCE DE MILLIONNAIRE"
6802 PRINT"-VOUS AVEZ"MX(U)
"INVESTISSEMENT(S)"

```

```

6804 PRINT"IL SOIT":FORI=1TO
MX(U):PRINT"#####"M$(I)
6805 PRINTTAB(23)"REVENU":M
I$(I)*1000
6806 TRX(U)=TRX(U)+MI$(I):NE
XT:PRINT"#####"TAB(23)"TOTAL":;T
RX(U)*1000:GOSUB3900
6808 PRINT"##### CHAQUE TOUR
,VOUS RECEVREZ"TRX(U)*1000"F
"
6809 PRINT"+ VOTRE SALAIRE
BIEN ENTENDU":GOSUB3900:GOTO
3062
7000 FORI=VTOV+16:POKEI1,0:
NEXT:POKEV+5,8:POKEV+6,249:P
OKEV+4,33
7002 POKEV,V2:POKEV+1,V1:FOR
KL=1TO200:NEXT:POKEV+4,32:RE
TURN

```



Dans le ring électronique d'un puissant ordinateur, disputez contre un robot tueur, une cruelle partie de "freesbee"...

Hugues BRUN



...listing 1...

```

10 REM*****
*****
20 REM* TRON
*
30 REM*
*
40 REM* BRUN HUGUES
*
50 REM*
*
60 REM* 249 RUE DE BALE
*
70 REM* DURMENACH 68480 F
ERRETTE *
80 REM* TEL : 07 92 77
*
90 REM*****
*****
100 FORA=28672TO35477:READX:
POKEA,X:Q=Q+X:NEXT
105 IFQ><768630THENPRINT"ERR
EUR DE DATA":STOP
110 DATA120,169,127,141,13,2
20,169,1,141,26,208,169,3,13
3,251,169,32,141
120 DATA20,3,169,80,141,21,3
,88,96,234,234,234,234,1
73,25,208,141
130 DATA25,208,41,1,240,109,
198,251,16,4,169,3,133,251,1
66,251,189,176
140 DATA80,141,0,208,189,181
,80,141,1,208,189,186,80,141
,248,7,189,191
150 DATA80,141,37,208,189,19
6,80,141,38,208,189,201,80,1
41,39,208,189
160 DATA241,80,141,24,208,23

```

Mode d'emploi :

Tout d'abord, tapez et sauvegardez le programme "DATAVERIFY" (listing 1). Le lancement de ce programme, permet un contrôle de la saisie du programme principal, par l'affichage à chaque validation, d'une REM comportant une valeur entre 0 et 255. Cette dernière doit être comparée à celle publiée.

Tapez ainsi et sauvegardez à la suite les listings TRON 1 (listing 2) et TRON 2 (listing 3). Chargez et lancez de même.

Vous devez à l'aide du joystick branché dans le port 2, tuer par deux fois le robot au fond de la salle pour accéder au niveau suivant. Ce dernier qui se déplace constamment et use de son champ de force, est vulnérable uniquement lorsqu'il vient de lancer un projectile (disque ou hélicoptère). Vous disposez d'un curseur mobile (joystick gauche ou droite) pour déterminer le point d'impact de vos disques. Vous pouvez vous baisser (joystick bas), vous déplacer vers la droite ou la gauche et utiliser un de vos huit champs de force (joystick haut).

Vous pouvez obtenir différents niveaux de jeu de la manière suivante : faites STOP/RESTORE et pekez à l'adresse 35387 le niveau désiré (de 0 à 255). relancez le jeu par : SYS 35504.

Vous pouvez vous épargner le chargement des deux parties par NEW, puis :

```

10 REM TRON
20 SYS 9185
POKE 43,0 : POKE 44,112 : POKE 45,1 : POKE 46,145
SAVE:"T"
POKE 44,9
LOAD:"T"
POKE 43,1 : POKE 44,8
POKE 2304,120 : POKE 2305,169 : POKE 2361,208
POKE 2362,189 : POKE 2411,221 : POKE 2412,189
SAVE:"TRON"

```

Pour jouer, chargez et lancez le programme "TRON" ainsi créé.

4,234,189,206,00,141,33,208,
189,211,00,141
170 DATA0,221,189,216,00,141
17,208,189,221,00,141,22,20
0,189,226,00,141
180 DATA32,208,189,231,00,14
1,18,208,173,16,208,41,254,2
9,236,00,141,16
190 DATA208,234,173,13,220,4
1,1,240,3,76,49,234,76,188,2
54,0,0,0,0,0
200 DATA0,0,0,0,0,0,0,0,0,0
0,0,0,160,160,178,255,0,193,
172,112,50,0,14
210 DATA13,140,128,0,0,0,0,2
55,255,1,1,1,255,255,6,6,2,0
255,13,13,13
220 DATA241,255,151,151,151,
151,0,59,59,59,27,0,24,24,
200,0,0,0,12
230 DATA0,0,192,150,88,0,0,0,
0,1,0,24,24,24,21,21,0,0,28
30,14,30,15,30
240 DATA12,0,173,128,204,74,
141,68,204,169,0,141,10,204,
96,141,10,204
250 DATA96,0,0,0,0,0,0,0,0,0
0,0,0,0,0,0,0,0,0,0,0,0,0
0,0,0,0,0,0
260 DATA0,0,0,0,0,0,0,0,0,0
0,0,0,0,0,0,0,0,0,0,0,0,0
0,0,0,0,0,0
270 DATA0,0,169,64,133,254,1
69,38,133,255,160,0,169,0,14
5,254,230,254
280 DATA165,254,208,246,230,
255,165,255,201,64,208,238,9
6,255,255,255
290 DATA20,18,15,14,19,3,15,
18,5,58,32,32,32,32,32,32,32
48,22,9,5,19
300 DATA58,32,56,32,32,5,14,
5,18,7,9,5,58,32,56,32,32,32
160,3,185,112
310 DATA81,153,16,4,136,192,
255,208,245,160,13,185,116,8
1,153,48,4,136
320 DATA192,255,208,245,160,
7,185,130,81,153,123,4,136,1
92,255,208,245
330 DATA160,11,185,139,81,15
3,147,4,136,192,255,208,245,
96,0,0,0,0,0
340 DATA0,0,0,0,0,173,10,204,
9,48,141,156,4,162,4,189,73
204,240,6,94
350 DATA48,204,94,49,204,202
202,224,254,208,239,169,129
141,186,00,96

DEULIGNE

La coloration aléatoire est devenue une mode ; il ne reste plus qu'à lancer celle du "choix des touches au hasard"...

10 DATA164,162,136,162,0,142
32,208,142,33,208,24,169,30
105,1,144,252,202
20 DATA196,162,208,238,96,1F
ORI=49152T049175:READA:POKEI
A:NEXT:SYS49152

IL NE FAUT JAMAIS DIRE JAMAIS!



360 DATA0,0,0,0,255,169,0,13
3,103,133,9,133,108,133,109,
165,101,197,98
370 DATA240,4,176,11,144,6,1
65,97,197,100,144,3,76,47,82
169,1,133,103
380 DATA165,101,164,98,132,1
01,133,98,165,97,164,100,132
97,133,100,165
390 DATA99,197,102,144,3,76,
68,82,164,102,165,99,132,99,
133,102,169,1
400 DATA133,9,56,165,97,229,
100,133,105,165,98,229,101,1
33,106,165,99
410 DATA229,102,133,107,70,1
06,102,105,102,108,70,107,10
2,109,165,105
420 DATA201,0,208,240,165,10
7,201,0,208,234,96,255,255,1
69,0,133,80,133
430 DATA81,165,79,74,74,74,1
33,82,10,10,10,133,80,6,80,3
8,81,6,80,38,81
440 DATA6,80,38,81,24,165,81
101,82,133,81,165,79,41,252
10,133,82,169
450 DATA0,101,81,133,81,165,
82,101,80,133,80,165,81,105,
32,133,81,165
460 DATA79,41,7,101,80,133,8
0,165,81,105,0,133,81,165,78
41,3,170,165
470 DATA83,169,0,133,82,165,
83,74,102,82,74,102,82,202,2
24,255,208,245
480 DATA96,0,0,0,0,0,0,0,0,0
0,0,0,169,0,133,90,133,98,133
101,133,88,133
490 DATA89,165,84,133,97,133
78,165,85,133,99,133,79,165
86,133,100,165
500 DATA87,133,102,32,254,81
169,24,141,64,83,141,77,83,
169,101,141,65
510 DATA83,141,71,83,141,78,
83,141,84,83,165,103,208,13,
169,56,141,64
520 DATA83,169,229,141,65,83
141,71,83,165,9,208,13,169,
56,141,77,83,169
530 DATA229,141,78,83,141,84
83,32,112,82,165,88,24,101,
108,133,88,165
540 DATA78,101,90,133,78,165
89,56,229,109,133,89,165,79
229,90,133,79
550 DATA160,0,177,80,5,82,5,
82,145,80,165,79,201,200,176
12,165,79,197
560 DATA87,208,205,165,78,19

7,86,208,199,96,255,255,255,
255,255,255,255
570 DATA255,255,255,0,160,25
5,198,253,32,188,83,177,252,
201,255,240,54
580 DATA133,83,32,188,83,177
252,133,84,201,255,240,234,
32,188,83,177
590 DATA252,133,85,32,188,83
177,252,133,86,32,188,83,17
7,252,133,87,32
600 DATA188,83,152,72,32,224
82,104,168,76,146,83,200,19
2,0,208,2,230
610 DATA253,96,0,96,96,0,0,
0,0,0,0,0,255,3,0,149,40,69
40,69,120,69
620 DATA120,69,160,149,0,148
40,68,40,68,120,68,120,68,1
60,148,0,147,40
630 DATA68,0,146,40,68,120,6
8,160,147,120,68,160,146,0,1
76,160,176,0,177
640 DATA160,177,0,178,160,17
8,255,1,0,200,40,91,40,91,12
0,91,120,91,160
650 DATA200,0,96,40,44,40,44
120,44,120,44,160,96,255,3,
0,149,0,178,159
660 DATA149,159,178,255,1,40
91,40,44,120,91,120,44,255,
1,0,125,40,57
670 DATA40,57,120,57,120,57,
160,125,255,3,0,179,160,179,
0,180,160,180
680 DATA0,175,160,175,255,25
5,255,0,0,0,0,0,0,0,0,0,0,0
0,0,0,0,0,0,0
690 DATA0,0,0,0,0,0,0,0,0,0,
0,0,169,1,133,83,169,96,133,
85,133,87,162
700 DATA51,189,176,84,24,101
38,133,84,232,189,176,84,24
101,38,133,86
710 DATA232,138,72,32,224,82
104,170,230,85,230,87,189,1
76,84,201,255
720 DATA208,220,96,0,96,96,0
0,0,0,5,26,4,27,3,28,2,29,1
3,19,10,21,8,23
730 DATA7,24,5,26,4,27,3,28,
2,29,1,30,1,30,0,31,0,31,0,3
1,0,31,1,30,1
740 DATA30,2,29,3,28,4,27,5,
26,7,4,0,23,10,21,13,19,255
6,9,4,11,2,13
750 DATA1,4,0,15,0,15,0,15,



0,15,1,14,2,13,4,11,255,0,25
5,255,255,255
760 DATA255,255,241,173,0,22
0,41,2,208,1,96,173,0,220,41,
12,201,12,208
770 DATA9,169,1,141,0,204,14
1,1,204,96,238,1,204,173,1,2
04,201,6,144,5
780 DATA169,3,141,0,204,169,
238,141,61,85,173,0,220,41,8
,240,5,169,206
790 DATA141,61,85,174,0,204,
238,2,204,202,224,0,208,248,
173,2,204,201
800 DATA163,144,17,169,0,141
2,204,173,61,85,201,238,240
,5,169,162,141
810 DATA2,204,173,2,204,201,
39,176,30,169,144,141,255,7,
169,108,141,15
820 DATA208,173,16,208,41,12
7,141,16,208,173,2,204,10,10,
24,105,96,141
830 DATA14,208,96,173,2,204,
201,77,176,30,169,145,141,25
5,7,173,16,208
840 DATA9,128,141,16,208,56,
173,2,204,233,39,10,141,14,2
08,24,105,120
850 DATA141,15,208,96,173,2,
204,201,120,176,60,169,143,1
4,1,255,7,169,217
860 DATA141,15,208,173,16,20
8,41,127,141,16,208,173,2,20
4,56,233,77,10
870 DATA10,10,141,14,208,169
,0,42,141,3,204,169,84,56,23
7,14,208,141,14
880 DATA208,169,1,237,3,204,
24,105,106,77,16,208,141,16,
208,96,169,146
890 DATA141,255,7,173,2,204,
56,233,120,10,141,14,208,169
,198,56,237,14
900 DATA208,141,15,208,96,17
3,5,204,240,8,206,5,204,96,0
,0,0,0,173,0,220
910 DATA41,31,201,29,208,10,
169,134,141,186,80,169,13,14
1,187,80,173,0
920 DATA220,41,19,201,19,208
,10,169,128,141,187,80,169,1
29,141,186,80
930 DATA173,0,220,41,22,201,
16,208,121,173,236,80,106,17
3,176,80,106,56
940 DATA233,10,133,78,169,16
2,133,79,169,1,133,83,32,112
82,160,0,177
950 DATA80,37,82,197,82,208,
16,169,2,141,5,204,169,2,141
,4,204,32,160
960 DATA86,76,184,86,169,130,
141,187,80,169,131,141,186,
80,169,24,141
970 DATA4,204,32,160,86,169,
6,141,5,204,165,78,56,233,14
,133,78,32,112
980 DATA82,160,0,177,80,37,8
2,197,82,240,28,32,48,97,234
,173,176,80,237
990 DATA4,204,141,176,80,141
,177,80,173,236,80,233,0,141
,236,80,141,237
1000 DATA80,96,173,0,220,41,
26,201,16,208,119,173,236,80
,106,173,176,80
1010 DATA106,56,233,1,133,78
,169,162,133,79,169,1,133,83
,32,112,82,160

1020 DATA0,177,80,37,82,240,
16,169,2,141,4,204,169,2,141
,5,204,32,32,87
1030 DATA76,56,87,169,132,14
1,187,80,169,133,141,186,80,
169,24,141,4,204
1040 DATA169,6,141,5,204,32,
32,87,24,165,78,105,16,133,7
8,32,112,82,160
1050 DATA0,177,80,37,82,197,
82,240,28,32,48,97,24,173,17
6,80,109,4,204
1060 DATA141,176,80,141,177,
80,173,236,80,105,0,141,236,
80,141,237,80,96
1070 DATA173,0,220,41,19,201,
3,208,8,173,6,204,240,3,76,
0,88,173,0,220
1080 DATA41,31,201,30,208,28
,173,10,204,240,23,206,10,20
4,169,1,141,11
1090 DATA204,169,137,141,187
,80,169,32,141,5,204,76,216,
81,0,0,96,255,173
1100 DATA5,204,208,3,76,16,8
6,173,11,204,240,16,173,187,
80,41,1,208,6,206
1110 DATA187,80,76,141,87,23
8,187,80,206,5,204,173,5,204
,208,8,169,0,141
1120 DATA11,204,76,44,86,96,
0,0,0,0,0,0,0,0,0,0,0,0,0,0
0,0,0,0,0,0,0
1130 DATA0,0,0,0,0,0,0,0,0,0
0,0,0,0,0,0,0,0,0,0,0,0,0,0
0,0,0,0,0,0,0
1140 DATA0,0,0,0,0,0,0,0,0,0
0,0,0,173,223,87,73,1,141,2
23,87,208,3,76
1150 DATA157,89,174,9,204,18
9,28,204,208,3,32,240,89,173
,9,204,10,170,76
1160 DATA193,89,169,1,141,8,
204,162,255,232,14,8,204,173
,7,204,45,8,204
1170 DATA240,244,173,7,204,7
7,8,204,141,7,204,206,6,204,
142,9,204,169,147
1180 DATA157,249,7,173,236,8
0,133,98,173,176,80,133,97,1
73,182,80,133,99
1190 DATA173,15,208,133,102,
173,14,208,133,100,173,16,20
8,41,128,10,42
1200 DATA133,101,32,254,81,1
73,9,204,10,170,165,108,157,
16,204,165,109
1210 DATA157,17,204,165,103,
157,22,204,165,9,157,23,204,
169,132,141,187
1220 DATA80,169,149,141,186,
80,165,103,208,10,169,130,14
1,187,80,169,129
1230 DATA141,186,80,169,8,14
1,5,204,234,234,234,173,8,20
4,13,21,208,141
1240 DATA21,208,173,9,204,10,
170,173,177,80,157,2,208,17
3,182,80,157,3
1250 DATA208,173,8,204,73,25
5,45,16,208,141,16,208,173,2
37,80,240,9,173
1260 DATA16,208,13,8,204,141
,16,208,174,9,204,169,255,15
7,28,204,96,0,0
1270 DATA0,0,0,0,0,0,0,0,0,0
0,0,0,0,189,32,204,24,125,17
204,157,32,204
1280 DATA189,3,208,105,0,157
,3,208,96,189,32,204,56,253,

17,204,157,32,204
1290 DATA189,3,208,233,0,157
,3,208,96,169,0,141,13,204,1
73,8,204,45,16
1300 DATA208,240,5,169,1,141
13,204,173,8,204,73,255,45,
16,208,141,16,208
1310 DATA24,189,31,204,125,1
6,204,157,31,204,189,2,208,1
05,0,157,2,208
1320 DATA173,13,204,105,0,14
1,13,204,240,9,173,8,204,13,
16,208,141,16,208
1330 DATA96,0,255,0,84,255
,0,169,0,141,13,204,173,8,20
4,45,16,208,240
1340 DATA5,169,1,141,13,204,
173,8,204,73,255,45,16,208,1
41,16,208,56,189
1350 DATA31,204,253,16,204,1
57,31,204,189,2,208,233,0,15
7,2,208,173,13
1360 DATA204,233,0,141,13,20
4,240,9,173,8,204,13,16,208,
141,16,208,96,0
1370 DATA0,0,0,238,42,204,16
9,1,141,8,204,162,255,232,14
,8,204,173,7,204
1380 DATA45,8,204,240,5,224,
2,208,240,96,142,9,204,32,16
0,90,174,9,204
1390 DATA189,28,204,208,6,32
,240,89,76,185,89,32,227,89,
173,9,204,10,170
1400 DATA32,32,91,189,23,204
,240,6,32,208,88,76,207,89,3
2,227,88,189,22
1410 DATA204,240,6,32,246,88
,76,227,89,32,64,89,174,9,20
4,76,224,87,173
1420 DATA42,204,41,0,240,1,9
6,222,28,204,96,255,173,9,20
4,10,170,169,0
1430 DATA133,98,189,2,208,13
3,97,189,3,208,133,99,173,16
,208,45,8,204,240
1440 DATA4,169,1,133,98,173,
177,80,133,100,173,237,80,13
3,101,173,182,80
1450 DATA133,102,32,254,81,1
73,9,204,10,170,189,16,204,2
01,4,176,8,189
1460 DATA22,204,73,1,157,22,
204,189,17,204,201,4,176,8,1
89,23,204,73,1
1470 DATA157,23,204,169,4,14
1,39,204,141,40,204,189,22,2
04,69,103,240,5
1480 DATA169,252,141,39,204,
189,23,204,69,9,240,5,169,25
2,141,40,204,56
1490 DATA165,188,233,4,221,1
6,204,176,5,169,252,141,39,2
04,165,109,56,233
1500 DATA4,221,17,204,176,5,
169,252,141,40,204,189,16,20
4,24,109,39,204
1510 DATA157,16,204,189,17,2
04,24,109,40,204,157,17,204,
96,0,0,0,0,0,0
1520 DATA0,0,0,173,31,208,13
,41,204,141,41,204,173,41,20
4,45,8,204,208
1530 DATA1,96,173,41,204,77,
8,204,141,4,204,173,9,204,7
0,170,189,3,208

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1540 DATA201,214,144,12,189,
23,204,41,254,157,23,204,32,
144,91,96,189,3
1550 DATA208,201,112,176,12,
189,23,204,9,1,157,23,204,32
,144,91,96,76,233
1560 DATA90,189,16,204,9,224
,157,16,204,189,17,204,234,2
34,234,173,16,208
1570 DATA45,8,204,240,12,189
,22,204,41,254,157,22,204,32
,144,91,96,189
1580 DATA22,204,9,1,157,22,2
04,189,2,208,201,192,176,229
,76,7,91,0,0,0
1590 DATA189,3,208,56,233,17
2,201,16,144,1,96,169,0,141,
43,204,173,16,208
1600 DATA45,8,204,240,3,238,
43,204,96,173,177,80,253,2,2
08,141,44,204,173
1610 DATA237,80,237,43,204,1
41,43,204,24,173,44,204,105,
10,141,44,204,173
1620 DATA43,204,105,0,240,1,
96,173,44,204,201,25,144,1,9
6,174,9,204,189
1630 DATA28,204,201,176,176,
21,173,21,208,77,8,204,141,2
1,208,173,7,204
1640 DATA13,8,204,141,7,204,
238,6,204,138,10,170,96,0,0,
0,255,0,0,169,15
1650 DATA141,24,212,141,6,21
2,169,48,141,1,212,169,20,14
1,5,212,169,0,141
1660 DATA4,212,169,33,141,4,
212,96,0,0,0,173,188,80,201,
139,240,1,96,169
1670 DATA8,141,69,204,162,25
5,232,14,69,204,173,66,204,4
5,69,204,208,5
1680 DATA224,2,208,240,96,20
6,67,204,142,70,204,173,66,2
04,77,69,204,141
1690 DATA66,204,173,18,208,1
73,69,204,73,255,45,16,208,1
41,16,208,173,70
1700 DATA204,10,170,173,178,
80,157,8,208,133,97,169,112,
157,9,208,133,99
1710 DATA173,238,80,133,98,2
40,9,173,69,204,13,16,208,14
1,16,208,173,177
1720 DATA80,133,100,173,237,
80,133,101,173,182,80,133,10
2,32,254,81,173
1730 DATA70,204,10,170,165,1
08,157,48,204,165,189,157,49
,204,165,183,157
1740 DATA54,204,165,9,157,55
,204,169,140,141,188,80,165,
183,240,5,169,141
1750 DATA141,188,80,169,7,14
1,71,204,173,21,208,13,69,20
4,141,21,208,169
1760 DATA255,157,72,204,169,
147,174,70,204,157,252,7,138
,10,170,169,0,157
1770 DATA73,204,169,1,157,87
,204,173,18,208,205,68,204,1
44,1,96,169,2,157
1780 DATA87,204,169,1,157,73
,204,174,70,204,169,135,157,
252,7,138,10,170
1790 DATA94,48,204,94,49,204
,94,48,204,94,49,204,96,0,0,
0,24,189,61,204
1800 DATA125,49,204,157,61,2
04,189,9,208,105,0,157,9,208

,96,56,189,61,204
1810 DATA253,49,204,157,61,2
04,189,9,208,233,0,157,9,208
,96,255,255,255
1820 DATA255,255,255,255,255
,255,255,24,169,0,141,78,204
,173,16,208,45
1830 DATA69,204,240,3,238,78
204,189,60,204,125,48,204,1
57,60,204,189,8
1840 DATA208,105,0,157,8,208
,173,78,204,105,0,240,9,173,
16,208,13,69,204
1850 DATA141,16,208,96,0,0,0
,0,0,0,0,0,0,223,0,0,56,16
9,0,141,78,204
1860 DATA173,16,208,45,69,20
4,240,3,238,78,204,189,60,20
4,253,48,204,157

,169,0,157,54,204,32,144,91,
96,189,8,208,201
2030 DATA192,176,240,169,1,1
57,54,204,208,238,0,0,0,0,0,
0,0,0,0,0,0,0
2040 DATA56,189,9,208,233,11
2,201,12,144,1,96,169,0,141,
80,204,173,16,208
2050 DATA45,69,204,240,3,238
,80,204,189,8,208,237,178,80
,141,81,204,173
2060 DATA80,204,237,190,80,1
41,80,204,24,173,81,204,105,
3,141,81,204,173
2070 DATA80,204,105,0,240,1,
96,173,81,204,201,16,144,1,9
6,189,72,204,201
2080 DATA160,144,1,96,173,69
,204,73,255,45,21,208,141,21



HEP! T'AURAIS PAS UN PEU D'ENCRE POUR MON STYLO?

VOTRE SENS DE L'HUMOUR ME MEÛSE!

HAHA, JE ME FENDS LA POIRE!

1870 DATA60,204,189,8,208,23
3,0,157,8,208,173,78,204,233
0,208,11,173,69
1880 DATA204,73,255,45,16,20
8,141,16,208,96,255,255,255,
255,255,255,255
1890 DATA255,255,255,255,169
,8,141,69,204,162,255,232,14
,69,204,173,66
1900 DATA204,45,69,204,240,5
,224,2,208,240,96,142,70,204
,138,10,170,173
1910 DATA31,208,13,12,204,14
1,12,204,169,2,141,79,204,32
0,94,189,55,204
1920 DATA208,6,32,179,92,76,
141,93,32,160,92,189,54,204,
208,6,32,16,93
1930 DATA76,155,93,32,208,92
,189,73,204,240,3,206,79,204
,206,79,204,173
1940 DATA79,204,208,209,32,1
12,94,222,72,204,32,240,94,1
89,73,204,240,3
1950 DATA32,0,96,76,216,93,9
6,169,0,141,13,212,141,11,21
2,169,9,141,12
1960 DATA212,169,10,141,8,21
2,169,129,141,11,212,96,32,8
0,96,32,0,98,174
1970 DATA70,204,76,99,93,255
,0,0,0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0
1980 DATA8,0,0,0,0,0,173,12,
204,45,69,204,208,1,96,173,6
9,204,73,255,45
1990 DATA12,204,141,12,204,1
89,9,208,201,213,144,9,169,0
,157,55,204,32
2000 DATA144,91,96,189,9,208
,201,114,176,9,169,1,157,55,
204,32,144,91,96
2010 DATA189,48,204,9,224,15
7,48,204,189,49,204,41,127,1
57,49,204,173,16
2020 DATA208,45,69,204,240,9

,208,173,66,204
2090 DATA13,69,204,141,66,20
4,238,67,204,96,0,0,0,0,0,0,
0,0,0,0,0,0,0,0
2100 DATA0,0,0,0,172,82,204,
76,7,95,255,255,169,1,141,83
,204,160,255,208
2110 DATA14,83,204,173,7,204
,45,83,204,240,5,192,2,208,2
40,96,140,82,204
2120 DATA152,10,168,56,189,9
,208,249,3,208,24,105,4,201,
13,176,204,169
2130 DATA0,141,84,204,141,85
,204,173,16,208,45,83,204,24
0,3,238,85,204
2140 DATA173,16,208,45,69,20
4,240,3,238,84,204,56,189,8,
208,249,2,208,141
2150 DATA86,204,173,84,204,2
37,85,204,141,85,204,24,173,
96,204,105,7,141
2160 DATA86,204,173,85,204,1
05,0,240,3,76,232,94,173,86,
204,201,15,176
2170 DATA246,173,7,204,13,83
,204,141,7,204,173,83,204,73
,255,45,21,208
2180 DATA141,21,208,238,6,20
4,222,87,204,189,87,204,240
3,76,232,94,32
2190 DATA192,93,173,69,204,7
3,255,45,21,208,141,21,208,1
73,66,204,13,69
2200 DATA204,141,66,204,238,
67,204,169,3,141,94,204,169,
0,141,93,204,172
2210 DATA70,204,185,252,7,20
1,147,240,10,169,16,141,94,2
04,169,0,141,93
2220 DATA204,32,176,98,96,0,
0,0,0,0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0

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2900 DATA141,111,204,56,237,
110,204,24,105,3,141,112,204
,201,7,144,3,76
2910 DATA239,100,189,3,208,2
01,112,176,3,76,245,100,174,
104,204,76,163
2920 DATA100,173,188,80,201,
142,208,26,189,23,204,73,1,1
57,23,204,189,16
2930 DATA204,201,128,144,8,1
89,22,204,73,1,157,22,204,76
,239,100,169,0
2940 DATA133,253,173,188,80,
133,252,162,6,6,252,38,253,2
02,224,0,208,247
2950 DATA169,128,133,254,169
,3,133,255,160,64,177,252,14
5,254,136,192,255
2960 DATA208,247,169,14,141,
189,80,169,129,141,21,208,16
9,3,141,6,204,141
2970 DATA67,204,169,14,141,7
,204,169,112,141,66,204,160,
0,140,95,204,169
2980 DATA0,172,95,204,145,25
4,32,14,227,238,95,204,173,9
5,204,201,64,208
2990 DATA236,173,128,204,141
,68,204,76,240,104,255,255,2
55,0,0,169,4,133
3000 DATA255,169,216,133,253
,169,200,133,254,133,252,160
0,169,81,145,254
3010 DATA169,0,145,252,200,1
92,0,208,4,230,255,230,253,1
92,47,208,235,165
3020 DATA255,201,7,208,229,1
69,5,133,255,169,117,133,254
,162,0,160,0,169
3030 DATA65,145,254,200,192,
15,208,247,165,254,24,105,40,
133,254,232,224
3040 DATA2,208,233,169,5,133
,255,169,205,133,254,162,0,1
60,32,169,193,145
3050 DATA254,200,192,47,208,
247,165,254,24,105,40,133,25
4,232,224,2,208
3060 DATA233,169,6,133,255,1
69,215,133,254,162,0,160,0,1
69,65,145,254,200
3070 DATA192,27,208,247,165,
254,24,105,40,133,254,165,25
5,105,0,133,255
3080 DATA232,224,4,208,227,9
6,0,0,0,0,0,0,0,0,0,173,
113,204,133,254
3090 DATA173,114,204,133,255
,174,115,204,160,0,169,255,1
45,254,200,169
3100 DATA65,145,254,200,169,
65,145,254,200,169,65,145,25
4,200,169,130,145
3110 DATA254,200,169,65,145,
254,200,169,65,145,254,200,1
69,255,145,254
3120 DATA165,254,24,105,8,13
3,254,165,255,105,0,133,255,
202,224,0,208,197
3130 DATA96,255,255,255,0,0,
0,0,169,66,133,38,169,0,141,
123,84,169,150
3140 DATA141,117,84,32,112,8
4,169,51,141,123,84,169,78,1
41,117,84,169,73
3150 DATA133,38,32,112,84,16
9,96,141,117,84,32,112,84,96
,0,0,0,0,169
3160 DATA30,133,38,169,0,141
,123,84,169,150,141,117,84,3
2,112,84,169,51
3170 DATA141,123,84,169,78,1
41,117,84,169,55,133,38,32,1
12,84,169,96,141
3180 DATA117,84,32,112,84,96
,255,255,255,255,255,169,102
,133,38,169,0,141
3190 DATA123,84,169,150,141,
117,84,32,112,84,169,51,141,
123,84,169,78,141
3200 DATA117,84,169,91,133,3
8,32,112,84,169,96,141,117,8
4,32,112,84,96
3210 DATA255,235,255,0,0,169
,48,133,38,169,0,141,123,84,
169,150,141,117
3220 DATA84,32,112,84,169,51
,141,123,84,169,78,141,117,8
4,169,67,133,38
3230 DATA32,112,84,169,96,14
1,117,84,32,112,84,234,234,2
34,234,234,234
3240 DATA169,85,133,38,169,0,
,141,123,84,169,150,141,117,
84,32,112,84,169
3250 DATA51,141,123,84,169,7
8,141,117,84,169,85,133,38,3
2,112,84,169,96
3260 DATA141,117,84,32,112,8
4,96,0,255,255,255,255,32,16
0,102,32,112,102
3270 DATA32,208,102,96,173,1
28,204,41,6,201,2,240,5,176,
6,76,96,103,76
3280 DATA0,103,76,112,102,0,
0,160,248,185,159,49,153,167
,49,136,192,0,208
3290 DATA245,169,1,141,115,2
04,32,32,102,96,0,0,0,0,0,0,
0,0,0,0,169,160
3300 DATA141,113,204,169,49,
141,114,204,169,31,141,115,2
04,169,192,141
3310 DATA231,90,169,103,141,
232,90,32,32,102,76,24,104,0
,189,3,208,56,233
3320 DATA152,201,12,144,3,76
,233,90,32,192,93,173,8,204,
73,255,45,21,208
3330 DATA141,21,208,238,6,20
4,173,7,204,13,8,204,141,7,2
04,189,2,208,56
3340 DATA233,48,41,248,141,1
17,204,168,162,16,169,0,153,
160,49,200,202
3350 DATA224,0,208,245,76,7,
91,0,0,169,240,141,113,204,1
69,49,141,114,204
3360 DATA169,13,141,115,204,
32,32,102,96,169,128,141,38,
104,169,103,141
3370 DATA39,104,96,0,0,32,41
,104,96,96,0,0,0,0,0,32,5,
104,169,233,141
3380 DATA231,90,169,90,141,2
32,90,169,41,141,38,104,169,
104,141,35,104
3390 DATA96,0,0,0,0,0,0,0,
169,128,141,231,90,169,104,1
41,232,90,169,165
3400 DATA141,38,104,169,104,
141,39,104,169,0,141,113,204,
169,50,141,114
3410 DATA204,169,9,141,115,2
04,32,32,102,96,51,104,80,10
4,48,104,160,103
3420 DATA0,189,3,208,56,233,
152,201,12,144,3,76,233,90,1
89,2,208,56,233
3430 DATA100,201,146,144,3,7
6,233,90,169,1,157,23,204,32
,144,91,76,7,91
3440 DATA206,121,204,173,121
,204,240,1,96,169,32,141,121
,204,160,176,169
3450 DATA0,153,208,49,136,19
2,255,208,246,238,122,204,17
3,122,204,41,1
3460 DATA240,3,76,236,104,16
9,208,141,113,204,169,49,141
,114,204,169,5
3470 DATA141,115,204,32,32,1
02,169,50,141,114,204,169,80
,141,113,204,32
3480 DATA32,102,96,32,100,10
4,96,169,0,141,93,204,169,32
,141,94,204,32
3490 DATA176,98,169,178,141,
178,80,238,128,204,173,128,2
04,41,1,240,1,96
3500 DATA173,128,204,41,6,20
1,6,208,6,238,128,204,238,12
8,204,169,0,141
3510 DATA21,208,32,80,81,32,
128,101,169,208,133,252,169,
83,133,253,32,128
3520 DATA83,32,106,103,173,1
28,204,41,24,74,74,168,185,1
19,104,141,75,105
3530 DATA200,185,119,104,141
,76,105,32,51,104,169,129,14
1,21,208,169,160
3540 DATA141,176,80,141,177,
80,169,178,141,178,80,169,0,
141,236,80,141
3550 DATA237,80,141,238,80,7
6,0,81,0,0,0,168,10,185,224,
97,153,174,4,136
3560 DATA192,255,208,245,173
0,220,41,16,208,249,32,122,
166,76,16,106,0
3570 DATA0,0,0,0,0,32,135,89
,32,112,87,32,80,93,32,135,8
9,32,80,93,32,240
3580 DATA105,32,0,85,32,112,
87,32,135,89,32,80,93,32,0,8
5,32,135,89,32
3590 DATA112,87,32,240,105,3
2,80,93,32,0,85,32,135,89,32
,80,93,32,144,100
3600 DATA238,131,204,173,131
,204,201,3,208,8,169,0,141,1
31,204,32,37,104
3610 DATA32,48,99,32,176,91,
32,240,105,32,112,87,76,144,
105,255,255,255
3620 DATA0,0,255,169,244,141
,237,105,141,238,105,238,237
,105,234,208,250
3630 DATA238,238,105,208,245
,96,0,0,0,0,0,0,0,0,0,0,0,
169,31,32,22,231
3640 DATA169,147,32,22,231,1
69,6,141,40,208,141,41,208,1
41,42,208,169,2
3650 DATA141,43,208,141,44,2
08,141,45,208,169,3,141,6,20
4,169,14,141,7
3660 DATA204,169,0,141,128,2
04,141,68,204,141,97,204,141
,98,204,141,99
3670 DATA204,141,100,204,169
8,141,10,204,169,8,141,96,2
04,169,127,141
3680 DATA28,208,169,1,141,46
,208,32,69,85,32,152,81,32,0

,80,32,13,105,169
 3690 DATA3,141,67,204,169,11
 2,141,66,204,169,32,141,73,2
 04,173,0,220,41
 3700 DATA16,208,249,169,0,14
 1,16,208,169,5,141,71,204,32
 ,144,105,53,50
 3710 DATA0,0,0

...listing 2...

```

10 REM*****
   *****
20 REM*          TRON
   *
30 REM*
   *
40 REM*          BRUN  HUGUES
   *
50 REM*
   *
60 REM*          249 RUE DE BALE
   *
70 REM*          DURMENACH 68480 F
   *
80 REM*          ERRETTE
   *
   *          TEL : 07 92 77
   *
90 REM*****
   *****
100 FORA=35584T037120:READX:
POKER,X:Q=Q+X:NEXT
105 IFQ<89562THENPRINT"ERRE
UR DE DATA":STOP
110 DATA0,0,0,0,0,0,0,0,0,0,
0,0,0,63,0,0,213,192,0,213,1
92,0,89,64,0,42
120 DATA0,0,63,0,3,255,240,1
5,234,252,15,170,188,10,170,
168,58,170,171
130 DATA56,170,139,40,170,13
8,32,234,194,32,255,194,16,1
74,129,16,170
140 DATA129,0,0,174,128,0,19
1,128,0,255,192,0,243,192,0,
226,192,0,162
150 DATA128,0,162,128,0,162,
128,0,162,128,0,243,192,0,16
2,128,0,162,128
160 DATA0,162,128,0,162,128,
0,162,128,0,162,128,1,162,14
4,1,81,80,1,81
170 DATA80,0,81,64,0,0,0,0,0,
0,0,0,0,0,0,0,0,0,0,0,63,
0,64,213,192,64
180 DATA213,192,128,89,64,16
0,42,0,224,63,0,239,255,240,
47,234,252,10

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190 DATA170,188,2,170,168,0,
170,171,0,170,139,0,170,138,
0,234,194,0,255
200 DATA194,0,174,129,0,170,
129,0,0,174,128,0,191,128,0,
255,192,0,243
210 DATA192,0,226,192,0,162,
128,0,162,128,0,162,128,0,16
2,176,0,240,232
220 DATA0,160,42,0,160,10,0,
160,9,0,160,5,0,160,21,0,160
,20,0,160,16,1
230 DATA80,0,1,80,0,1,80,0,0,
0,0,0,0,0,0,0,0,0,0,0,0,0
,0,0,252,0,3,87
240 DATA1,3,87,1,1,101,2,0,1
68,10,0,252,11,3,255,251,15,
171,232,62,170
250 DATA160,170,170,128,226,
170,0,226,170,0,162,170,0,13
1,171,0,131,255
260 DATA0,66,186,0,66,170,0,
0,2,186,0,2,254,0,3,255,0,3,
207,0,3,139,0
270 DATA2,138,0,10,138,0,10,
138,0,46,10,0,43,15,0,168,10
,0,168,10,0,96
280 DATA10,0,80,10,0,84,10,0,
,20,10,0,4,10,0,0,5,64,0,5,6
4,0,5,64,0,0,0
290 DATA0,0,60,0,0,215,0,0,2
15,0,0,85,0,0,20,0,3,255,192
,15,235,240,62
300 DATA170,188,42,170,168,1
04,170,41,96,170,9,64,235,1,
48,190,12,56,170
310 DATA44,42,170,168,42,255
,168,10,255,160,10,190,160,2
,130,128,5,65
320 DATA0,5,65,80,0,0,0,0,0,
0,0,0,0,0,0,0,0,0,0,0,0,0,0
,0,12,0,0,12,0
330 DATA0,60,0,0,40,0,0,40,0,
0,182,0,240,158,0,0,170,15,
0,40,0,0,0,0,0
340 DATA0,0,0,0,0,0,48,0,0,4
8,0,0,48,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0,0
350 DATA0,0,0,0,0,0,0,0,0,0,
60,0,48,40,12,12,40,48,0,158
,0,0,182,0,0,170
360 DATA0,0,40,0,0,0,0,0,0,0,
,12,0,48,48,0,12,0,0,0,0,0,0
,0,28,0,241,19
370 DATA195,13,32,60,2,32,0,
2,32,63,2,32,213,194,60,213,
207,40,89,74,44
380 DATA42,14,47,63,62,11,25
5,248,11,234,248,10,170,168,
2,170,160,2,170

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390 DATA160,0,170,128,0,170,
128,0,234,192,0,255,192,0,17
4,128,0,170,128
400 DATA0,19,192,13,28,48,24
1,32,15,2,32,0,2,32,63,2,32,
213,194,60,213
410 DATA207,40,89,74,44,42,1
4,47,63,62,11,255,248,11,234
,248,10,170,168
420 DATA2,170,160,2,170,160,
0,170,128,0,170,128,0,234,19
2,0,255,192,0
430 DATA174,128,0,170,128,0,
0,0,0,0,0,0,0,0,0,0,0,0,48
,0,0,236,0,0,168
440 DATA0,0,32,0,3,255,0,14,
170,192,10,170,128,0,168,128
,0,236,128,4,184
450 DATA64,0,168,0,0,136,0,0,
136,0,0,204,0,0,136,0,0,136
,0,1,69,0,0,0
460 DATA0,0,0,0,0,0,0,0,0,0,
0,0,48,0,0,236,0,0,168,0,0,3
2,0,15,255,0,42
470 DATA170,192,96,170,128,6
4,168,128,0,236,128,0,184,64
,0,168,0,0,136
480 DATA0,0,136,0,0,204,0,0,
136,0,0,136,0,1,69,0,0,0,0,0
,0,0,0,0,0,0,0
490 DATA0,0,0,48,0,0,236,0,0,
,168,0,0,32,0,3,255,192,14,1
70,160,10,168
500 DATA36,8,168,4,0,236,0,4
,184,0,0,168,0,0,136,0,0,136
,0,0,204,0,0,136
510 DATA0,0,136,0,1,69,0,0,0,
0,0,0,252,0,7,3,64,8,0,128,
8,48,128,8,236
520 DATA128,8,168,128,11,35,
128,10,254,128,2,170,0,0,168
,0,0,168,0,0,236
530 DATA0,0,184,0,0,168,0,0,
136,0,0,136,0,0,204,0,0,136,
0,0,136,0,1,69
540 DATA0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,1,255,128,0,25
5,0,0,126,0,0
550 DATA60,0,0,24,0,0,24,0,0,
,24,0,0,60,0,0,126,0,0,255,0
,1,255,128,0,0
560 DATA0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0
570 DATA0,0,0,0,0,0,126,0,0,60
,0,0,24,0,0,24,0,0,24,0,0,60
,0,0,126,0,0,0
580 DATA0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0,0,0,0,0,0
,0,0,0,128,0,0
590 DATA0,192,0,0,96,0,0,112
,0,0,56,0,0,60,0,0,31,0,0,24
,0,0,24,0,0,248
600 DATA0,0,120,0,0,60,0,0,2
8,0,0,14,0,0,6,0,0,3,0,0,1,0
,0,0,0,0,0,0,0
610 DATA0,0,0,0,0,0,1,0,0,3,0
,0,6,0,0,14,0,0,28,0,0,60,0
,0,120,0,0,248
620 DATA0,0,24,0,0,24,0,0,31
,0,0,60,0,0,56,0,0,112,0,0,9
6,0,0,192,0,0
630 DATA128,0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0,0,0,0,0,0
,0,0,0,0,0,0
640 DATA0,0,0,0,40,0,0,170,0,
0,170,0,0,40,0,0,0,0,0,0,0,0

```



SWINGY

Risquer sa vie pour quelques poissons rouges, franchement, est-ce bien raisonnable ?...

François LAVIALLE

Mode d'emploi :

Ce jeu utilise la manette dans le port 1 ou 2, ou bien les touches suivantes : "↑" (monter), flèche gauche (descendre), "CTRL" (Bombe), "SPACE" (plonger).

Vous devez attraper le maximum de poissons rouges, en évitant les troncs d'arbre, les serpents et les poissons carnivores qui parcourent la rivière. En cas de difficulté, vous pouvez utiliser une de vos trois bombes pour détruire tout ce qui se trouve dans le cours d'eau.

Une bombe supplémentaire et un bonus de 5000 points vous sont accordés si vous attrapez tous les poissons de chaque tableau. De plus, vous gagnez une vie tous les 20 000 points.

Sachez que le lancement du programme (RUN) détruit le programme Basic

```
10 REM *****
20 REM * SWINGY *
30 REM * COMMODORE-64 *
40 REM * LAVIALLE F *
50 REM *****
60 :
70 REM ATTENTION AVANT DE LA
NCE LE
80 REM PROGRAMME SAUVEGARDE
EZ LE
90 :
100 FORA=0T039:READB:POKE491
52+A,B:NEXT
110 FORA=3100T031125:READB:
POKEA,B:NEXT
120 FORA=0T063:POKE832+A,0:N
EXT
130 FORA=0T0255:READB:POKE50
000+A,B:NEXT
200 PRINT"SCORE:"SPC(6)"*****"
BD00ICIEL PRESENTE *****
210 PRINTSPC(14)"*****"
---
220 PRINTSPC(17)"SWINGY"
230 PRINT"*****"
SCORE:*****
HIGHT 3
CORE:*****
240 PRINTSPC(18)"*****"
LAVIALLE.F"
1000 :
1010 DATA 31,28,24,25,25,24,
12,7
1020 DATA 248,56,24,152,152,
24,48,224
1030 DATA 31,31,31,31,27,27,
27,31,248
1040 DATA 248,184,184,248,24
8,248,248
1050 DATA 24,60,60,60,60,60,
24,60
1100 :
1110 DATA169,43,141,8,3,169,
121,141,9,3,169,0,133,253,16
9,128,133,254
1120 DATA96,32,115,0,240,8,2
01,64,240,10,201,33,240,3,76
,231,167,76,0
1130 DATA128,162,16,160,0,32
,115,0,133,251,32,115,0,133,
252,32,93,121
1140 DATA145,253,230,253,208
,2,230,254,202,208,232,76,22
8,167,165,251
1150 DATA32,117,121,133,251,
165,252,32,117,121,133,252,1
65,251,10,10,10
1160 DATA10,24,101,252,96,20
1,48,16,3,76,8,175,201,58,48
,14,201,65,16
1170 DATA3,76,8,175,201,71,4
8,7,76,8,175,56,233,48,96,56
,233,55,96
```

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1500 :
1510 DATA 0,0,0,0,0,0,0,0,0,
0,2,168,0,10,168,0,10,0,0,16
8,0,0,168,192,0,171
1520 DATA 240,0,171,240,0,17
1,240,0,171,240,0,168,192,0,
168,0,0,10,0,0,10
1530 DATA 168,0,2,168,0,0,0,
0,0,0,0,0,0,0,0,0
1540 :
1550 DATA 0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0,0,96,2
52,0,249
1560 DATA 206,120,103,135,19
2,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,0,0,0,0
1570 DATA 0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0
1580 :
1590 DATA 0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0,0,60,4
0,0,239,12
1600 DATA 0,63,216,0,31,248,
0,63,216,0,255,12,0,60,4,0,0
,0,0,0
1610 DATA 0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0
1620 :
1630 DATA 0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0,0,60,4
0,0,127,12
1640 DATA 0,223,216,0,255,24
8,0,255,216,0,127,12,0,60,4,
0,0,0,0,0
1650 DATA 0,0,0,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0
1660 :
1900 SYS31000
2000 @ A2008693A907856920618
09FF8D0FD4
2010 @ A9808D12D4A90F8D18D4A
9088D17D478
2020 @ A9088D20D0A9080D1503A
9E98D1403A9
2030 @ 7F8D0DCA9018D1AD0A9F
C8D12D0A913
2040 @ 8D11D0A9080D23D0A000A
90999C8D899
2050 @ 90D99958D8C8C0C8D0F05
82046864CA4
2060 @ 82AD0EDC29FE8D0EDCA50
129F88501A0
2070 @ 00B900D0990030B900D19
90031B900D2
2080 @ 990032C8D0E8A50109048
501AD0EDC09
2090 @ 018D0EDCAD18D029F1090
C8D18D0A958
2100 @ 8D00D0A9328D0F007A9008
D22D0A9048D
2110 @ 27D0A9018D1CD0A028A95
1999F04991F
2120 @ 07A905999FD8991FDB88D
0EDA000B900
2130 @ C0990833C8D0F7A000B95
0C399800C89
2140 @ 50C499900CD80F16078A
D19D02901F0
2150 @ 22A9798D19D0A9058D21D
0A9008D16D0
2160 @ A9578D12D0A9168D1403A
9818D150358
2170 @ 2069814C7EEA78AD19D02
901F01FA979
2180 @ 8D19D0A9068D21D0A5968
D16D0A9D58D
2190 @ 12D0A9408D1403A9818D1
503584C7EEA
2200 @ 78AD19D02901F01EA9798
D19D0A9058D
2210 @ 21D0A908D16D0A9FC8D1
2D0A9E98D14
2220 @ 03A9808D15034C7EEA959
638E5938596
2230 @ C900100AA9078596EAA20
14C8081A200
2240 @ A0008EF003EDC80499C80
4BD90059990
2250 @ 05D15806995806E8C8C0C
8D0E8ADF003
2260 @ D0034C3282A20FA000A9E
F85FB90485
2270 @ FCA92091FB18A5FB69298
5FB9002E6FC
2280 @ CAD0EEADF003F06REEBC0
2ADBC02C907
2290 @ D0088DB002A9008D8C02A
DA902D050AD
2300 @ 1BD44A4A4A4A4C905D04
7AD1BD44A4A4
2310 @ 4A4A0AA8D868285FBD8
78285FCA963
2320 @ A00091FBA02891FBA0509
1FBA07891FE
2330 @ C964F00AA964E6FBD0E6E
6FCD000A09F
2340 @ A96191FBC8A96291FBA0A
C028DA902C2
2350 @ A02A593F04FA00EAD15D
039AD85D003
2360 @ 4C8182AD10D039AD85F01
7B900D038E5
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- SWINGY

2370 @ 939900D0B02BAD10D039A
E858D10D04C
2380 @ 8182B900D038E5939900D
0C902B012AD
2390 @ 15D039AE858D15D0C002D
005A90180C1
2400 @ 028888D0B360EE0416053
E0566058E05
2410 @ B605DE0506062E0566067
E06EE041605
2420 @ 7E065606A98C8D01D0A90
18D15D0A000
2430 @ DC2D01DC2910D0F6AD00D
C2D01DC2910
2440 @ F0F6A964203886ADB1028
593AD1ED0AD
2450 @ 1FD0AD00DC2D01DCAA290
1F00D8A2902
2460 @ F0158A2904F01D4C4F83C
E01D0AD01D0
2470 @ C955D05B4C8D85EE01D0A
D01D0C9C3D0
2480 @ 4E4CD85ACC002F046A92
099A307CEC0
2490 @ 02A0808C04D4A9028D01D
4A90B8D05D4
2500 @ C88C04D4A0008493C88C1
5D0203F87AD
2510 @ 1FD0AD1ED0A27FA0008C2
48188D0FCA
2520 @ D0F5AD1E028593A9068D2
4814CD2828A
2530 @ 2910D02AADA702D025AD1
5D029FE8D15
2540 @ D0A0808C0BD4A9018D0CD
4A9F50D08D4
2550 @ C88C0BD4A93C8D8A802A90
98DA702AD8A
2560 @ 02D0808ADA702F003CEA70
2AD8802F00D
2570 @ CEA802D008AD15D09018
D15D0AD1E0
2580 @ 80AF022901F0034CB85A
D1FD08DBF02
2590 @ 2901F0034CB85A209A00
088D0FDCAD0



2600 @ F8ADAA02F006CEAA024C4
584AD15D039
2610 @ AF85F009C8C8C00ED0F24
C4584AD1BD4
2620 @ 4A4A4A4AC905D05DAD1BD
44A4A18696E
2630 @ 9903D0AD10D019AF858D1
0D0984AAA9
2640 @ 509902D0C000F030AD1BD
44AC9401009
2650 @ A90F9D28D0A933D007A90
59D28D0A934
2660 @ 9DF9079DC802AD15D019A
F858D15D0AD
2670 @ AD028DAA024C4584A9358
DF907A908D
2680 @ 28D04C2684ADB002F032A
D15D02901F0
2690 @ 2BA20CC8EAB02D24AD1BD
44AC9409012
2700 @ 38AD01D8FD03D09006FE0
3D04C7284DE
2710 @ 03D0CACAD0E2ADAE028DA
B02AER202E0
2720 @ 64F008E8E88E2028E01D
4DDB02D003
2730 @ 4C6885A9018D8902A9008
DB7028DB002
2740 @ 8DBE0220CA86205087CEB
E02D0E2ADC2
2750 @ 028DBE02ACD002C007F04
6EED082ACD0
2760 @ 02C006D007A9018D8002D
033C007D007
2770 @ A9028DB002D02AADB002C
902F005EEB0
2780 @ 02D01EACB102C002F012E
693EE102A9
2790 @ 638DC2028DBE02A908DA
D02A9008DB0
2800 @ 02ADAC02C902F003CEAC0
2ADAE02C901
2810 @ F003CEAE02ADA02C908F
0030EBA02AD
2820 @ C102D024ACC002C006F01
DEEC002A965
2830 @ 99A407A90299A4DBA9058
DE702A908D
2840 @ B028DBE0220CA86A9008
DC102ADB102
2850 @ C902F00CA9308DAE07A93
58DA07D0008
2860 @ A9390DAE078DAD07ADB0
22902F008AD
2870 @ 15D029FD8D15D0AD8002C
902D02EA200
2880 @ AD1ED44AC90FD00F8DC30
2D00AA90D9D
2890 @ FA07A9289DC302BDC302F
00BDEC302D0
2900 @ 06BDC9029DFA07E8E006D

0D44CD28202
2910 @ F004FB08F710EF20DF40B
F807FADAF02
2920 @ 2902D0034FC85AD15D02
9FD8D15D0A2
2930 @ 108E04D4A9698D05D4A93
28D01D48DB2
2940 @ 02E8E04D4ADBA028DB80
2A9008DB702
2950 @ 8DB90220CA86AD1ED04CD
282A9008393
2960 @ A20AAD15D029FE8D15D0A
90F203886AD
2970 @ 15D090918D15D0A90F203
886CAD0E320
2980 @ 02878C15D0AEBD02D0034
C0887A9209D
2990 @ 9907CEBD024CA4828DB30
2CEB402D0FB
3000 @ CEB302D0F660A90085938
DB0028DB02
3010 @ 8DBC028DC1028D0002A93
28DBE028DC
3020 @ 028DD102A9018DB1028DB
A02A9058DAC
3030 @ 028DA902A9188DAD028DA
A02A9038DBD
3040 @ 028DC002A9048DAE028DA
B02A9308D51
3050 @ 078D52078D53078D54078
D53078DAE07
3060 @ A203A9519D9907A9069D9
9DBA9659DA3
3070 @ 07A9029DA3DBCAD0E3A92
08DA7078DA8
3080 @ 078DA907A9358DAD07608
A48A20518BD
3090 @ 50077DE402C9A9002E90
A9D5007CAD0
3100 @ EEAE102EC5207D01FE8E
8E03AD002A2
3110 @ 308ED102AED02E006F00
DEEBD02A951
3120 @ 9D9A07A9069D9ADB68AA6
0A20078A000
3130 @ 8C21D088D0FFACAD0F558A
200FD6707DD
3140 @ 5107F005900B4C3C87E8E
005D0EE423C
3150 @ 87A205D50079D6607CAD
0F74C5B09A0
3160 @ C8A92099C804998F05995
706880DF460
3170 @ ADAE0738E901C930B0056
90ACERD078D
3180 @ AE07600000000000000000
000000000000
3190 !

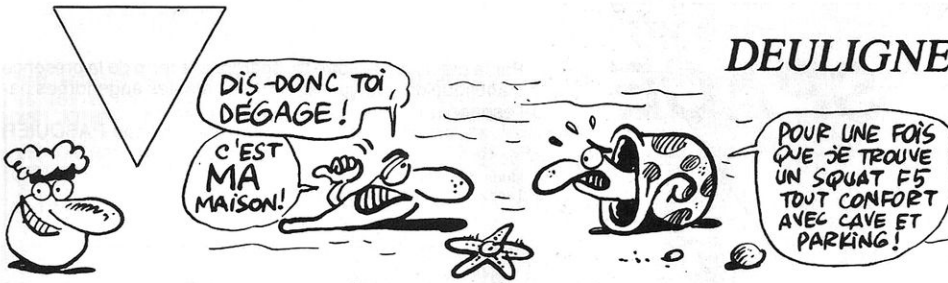
DEULIGNE

Voilà un gag dont je ne vous dirai rien, sinon ça n'en sera plus un.



1 POKES3281,0:POKE5328
0,0:PRINT"J'UN SE MARR
E ! ! ! !":FORI=1024T015
16:POKEI+17,PEEK(I):PO
KEI,32
2 POKES4289+I,RND(1)*1
5:NEXT:PRINT"ADDDDDTT",
"ELLE ETAIT VRAIM
ENT", "VERY TRES FUNNY!"
"

DEULIGNE



Procurez-vous la plus grande joie de Cbmiste, en contemplant le message d'entête que vous donnera votre C64 après le lancement de ce deuligne...

```
1 FORI=40960T049151:PO
KEI,PEEK(I):NEXT:FORI=
57344T065535:POKEI,PEE
K(I):NEXT
2 POKE1,53:POKE64982,5
3:SYS64738
```

Une commande OLD qui permet de resusciter un programme basic après un reset, voilà de quoi ravir plus d'un maladroït...

```
0 FORT=50000TOT+25:REA
DM:POKET,M:NEXT:NEW:DA
TA169,8,160,1,145,43,3
2,51
1 DATA165,165,34,133,4
5,133,47,133,49,165,35
,133,46,133,48,133,50,
96
```

Quand on tape de longs programmes, on a tendance à s'endormir... Paliez à ce défaut grâce au "curseur qui réveille" (nom déposé).

```
0 DATA165,206,141,1,21
2,169,0,141,4,212,169,
33,141,4,212,76,49,234
:POKE54296,15
1 FORA=0T017:READQ:POK
E49201+A,Q:NEXT:POKE56
334,0:POKE789,192:POKE
56334,1
```



Ne voyez pas de trivialité là-dedans, mais voici un cornet de glace avec deux boules...

```
1 FORT=0T017:READA:POK
E49152+T,A:NEXT:DATA16
5,1,141,33,208,96,165,
2,141,33,208,96,165,3
2 SYS49152:SYS49158:SY
S49164:GOTO2:DATA141,3
3,208,96
```



Et une minuterie, qui vous servira peut-être si on vous envoie vous faire cuire un œuf...

```
1 PRINT"J":PRINT"
":PRINT"
":PRI
NT"
2 FORS=0T059:PRINT"
|M":"S" I":FORT=0T0800
:NEXTT:NEXTS:M=M+1:GOT
01
```



Et revoilà le deuligne qui a suscité le plus de polémique, à savoir le gag de l'année, et que personne n'a compris.

```
1 FORK=40960T049951:PO
KEK,PEEK(K):NEXT:FORK=
57344T065535
2 POKEK,PEEK(K):NEXT:P
OKE1,53:POKE64982,53:S
YS64738
```

Le plus beau, de tous les scrollings du monde, c'est celui, que j'ai tapé sur ton clavier (bis)...



```
1 Z=1024:FORI=217T0240
:POKEZ+39,32:POKEI,Z/2
56+128:Z=Z+40:NEXT
2 FORI=1TON:PRINT"
":FORJ=0T023:PRINT"
":PR
INT"
:NEXTJ,I
```

L'auteur de ce deuligne s'aime tellement, qu'il s'auto-satisfait, en passant par l'HHHHebdo, œuf corse...

```
10 PRINT"BERNARD":FOR
I=55296T056295:POKEI,1
4:NEXTI:FORI=55616T056
295:POKEI,2
20 NEXTI:FORI=55976T05
6295:POKEI,2:NEXTI:FOR
I=1024T02023:POKEI,2:N
EXTI:GOTO10
```

Voici de quoi égayer la saisie de vos longs et bons programmes...

```
10 POKE53270,8:POKE532
70,9:POKE53270,10:POKE
53270,11:POKE53270,12:
POKE53270,13
29 POKE53270,14:POKE53
270,15:RUN
```



260 DATA165,80,24,105,8,133,
80,169,0,101,81,133
265 DATA81,169,33,133,111,76
74,193,189,167,2,208
270 DATA35,138,72,254,174,2,
189,174,2,201,186,208
275 DATA5,169,0,157,174,2,17
0,189,0,202,153,0
280 DATA208,189,200,202,153,
1,208,104,170,76,105,193
285 DATA254,174,2,189,174,2,
201,255,208,35,185,0
290 DATA208,105,4,153,0,208,
185,1,208,24,105,9
295 DATA201,120,176,9,222,17
4,2,153,1,208,76,105
300 DATA193,169,120,153,1,20
8,76,105,193,205,203,2
305 DATA240,62,189,167,2,201
1,240,34,189,174,2
310 DATA24,109,204,2,170,185
0,208,56,253,144,203
315 DATA153,0,208,185,1,208,
24,125,244,203,153,1
320 DATA208,152,74,170,76,10
5,193,189,174,2,24,109
325 DATA204,2,170,185,0,208,
24,125,144,203,153,0
330 DATA208,76,251,193,189,1
95,2,157,174,2,169,0
335 DATA157,167,2,76,105,193
1,62,0,232,224,8,208
340 DATA3,76,111,194,254,188
2,189,188,2,197,2
345 DATA208,238,169,0,157,18
8,2,189,181,2,240,228
350 DATA189,174,2,157,195,2,
169,254,157,174,2,138
355 DATA10,168,173,0,208,217
0,208,176,8,169,2
360 DATA157,167,2,76,48,194,
169,1,76,100,194,173
365 DATA21,208,201,1,208,3,7
6,41,200,173,30,208
370 DATA240,7,41,1,240,3,76,
29,195,173,31,208
375 DATA208,3,76,148,192,72,
162,255,232,74,144,252
380 DATA189,181,2,208,33,169
1,157,181,2,169,15
385 DATA157,248,7,169,3,157,
39,208,104,32,212,194
390 DATA169,0,133,254,169,2,
133,255,32,245,195,76
395 DATA66,194,104,73,255,45
2,21,208,141,21,208,32
400 DATA212,194,169,0,133,25
4,169,3,133,255,32,245
405 DATA195,76,148,192,138,7
2,10,168,32,206,195,185
410 DATA1,208,56,233,58,74,7
4,74,133,20,185,0
415 DATA208,56,233,27,74,74,
74,133,21,24,162,5
420 DATA134,254,166,20,224,2
4,240,30,164,21,24,32
425 DATA10,229,169,32,32,22,
231,32,22,231,32,22
430 DATA231,32,22,231,32,22,
231,230,20,166,254,202
435 DATA208,218,104,170,96,1
69,0,141,4,212,141,6
440 DATA212,169,203,141,5,21
2,169,129,141,4,212,160
445 DATA100,169,12,133,254,1
69,0,133,253,152,24,101
450 DATA233,133,253,141,0,21
2,165,254,105,0,133,254
455 DATA141,1,212,201,50,208

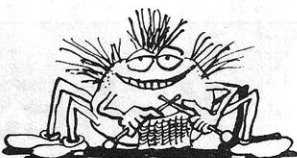
,234,136,208,223,169,128
460 DATA141,4,212,169,0,141,
5,212,169,240,141,6
465 DATA212,76,105,200,71,65
77,69,32,79,86,69
470 DATA82,162,13,160,13,24,
32,10,229,162,0,189
475 DATA100,195,32,210,255,3
2,152,195,232,224,9,208
480 DATA242,169,100,133,254,
160,100,34,179,238,136,208
485 DATA250,198,254,208,244,
76,0,192,160,150,32,179
490 DATA238,136,208,250,96,1
62,8,142,1,212,160,0
495 DATA169,33,141,4,212,200
200,140,0,212,240,3
500 DATA76,170,195,232,232,1
42,1,212,224,24,208,234
505 DATA169,0,141,4,212,96,1
01,84,71,93,72,89
510 DATA103,103,162,0,141,11
212,141,18,212,169,129
515 DATA141,11,212,169,129,1
41,18,212,169,15,141,15
520 DATA212,169,20,141,8,212
1,69,96,141,11,212,169
525 DATA128,141,18,212,96,24
8,24,165,165,101,254,133
530 DATA165,165,166,101,255,
133,166,165,167,105,0,133
535 DATA167,216,76,42,196,16
5,166,208,4,165,165,240
540 DATA21,248,56,165,165,22
9,254,133,165,165,166,229
545 DATA255,133,166,165,167,
233,0,133,167,216,165,165
550 DATA41,15,24,105,48,141,
61,5,165,165,41,240
555 DATA74,74,74,74,24,105,4
8,141,60,5,165,166
560 DATA41,15,24,105,48,141,
59,5,165,166,41,240
565 DATA74,74,74,74,24,105,4
8,141,58,5,165,167
570 DATA41,15,24,105,48,141,
57,5,165,167,41,240
575 DATA74,74,74,74,24,105,4
8,141,56,5,138,72
580 DATA162,6,169,32,157,242
6,202,228,191,208,246
585 DATA104,170,96,19,3,15,1
8,5,58,0,32,10
590 DATA16,16,32,56,53,162,0
189,131,196,157,192
595 DATA4,169,5,157,192,216,
232,224,6,208,240,162
600 DATA0,189,137,196,157,22
4,7,169,8,157,224,219
605 DATA232,224,8,208,240,16
2,5,169,27,157,242,6
610 DATA202,208,248,96,60,10
2,219,177,177,219,102,60
615 DATA126,102,102,126,230,
230,230,0,124,102,102,124
620 DATA230,230,252,0,126,10
2,96,96,224,230,254,0
625 DATA120,108,102,102,230,
230,254,0,126,98,96,120
630 DATA224,226,254,0,126,96
96,120,224,224,224,0
635 DATA126,102,96,110,230,2
30,254,0,102,102,102,126
640 DATA230,230,230,0,124,24
24,24,256,56,124,0
645 DATA30,12,12,12,14,110,1
26,0,102,108,120,112
650 DATA248,236,230,0,96,96,
96,96,224,226,254,0

655 DATA99,119,127,107,99,99
,103,0,102,118,126,126
660 DATA239,230,230,0,126,10
2,102,102,230,230,254,0
665 DATA126,102,102,126,224,
224,224,0,126,102,102,230
670 DATA238,254,2,0,124,102,
102,124,248,236,230,0
675 DATA126,102,96,126,6,230
,254,0,126,24,24,24
680 DATA56,56,56,0,102,102,1
02,102,230,230,254,0
685 DATA102,230,230,230,102,
60,24,0,115,99,99,107
690 DATA127,119,99,0,102,102
,60,24,60,230,230,0
695 DATA102,102,60,24,56,56,
56,0,126,70,12,24
700 DATA48,226,254,0,16,16,1
6,56,124,96,130,68
705 DATA126,102,110,118,230,
230,254,0,24,56,24,24
710 DATA56,56,126,0,60,102,6
12,48,230,254,0
715 DATA126,102,6,28,6,230,2
54,0,12,12,204,204
720 DATA254,12,12,0,126,96,1

DEULIGNE

Pagez et centrez vos messages en
beauté, sans vous embêter.

1 DATA32,115,,32,158,1
73,32,163,182,133,251,
169,40,56,229,251,74,1
33,211,76,33,171
2 D=51200:FORI=DTOD+21
:READA:POKEI,A:NEXT:RE
M SYS 51200,A\$ -OU- SY
S 51200,"..."

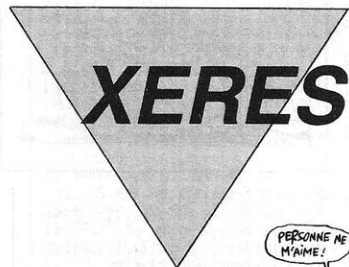


26,6,6,230,254,0
725 DATA126,102,96,126,230,2
30,254,0,254,230,12,24
730 DATA56,56,56,0,126,102,1
02,126,230,230,254,0
735 DATA126,102,102,126,6,13
0,254,0,25,50,60,70
740 DATA80,100,120,173,14,22
0,41,254,141,14,220,165
745 DATA1,41,251,133,1,169,0
,32,210,255,169,208
750 DATA133,164,169,213,133,
166,169,56,133,168,160,0
755 DATA132,163,132,165,132,
167,177,163,145,167,230,167
760 DATA208,2,230,168,165,16
3,197,165,165,164,229,166
765 DATA230,163,208,2,230,16
4,144,230,165,1,9,4
770 DATA133,1,173,14,220,9,1
,141,14,220,160,0

```

775 DATA185,192,196,153,0,56
,200,192,224,208,245,160
780 DATA0,185,160,197,153,12
8,57,200,192,80,208,245
785 DATA169,30,141,24,208,16
9,0,141,21,208,32,85
790 DATA199,96,7,7,7,7,7,7
,7,7,7
795 DATA7,7,7,7,8,8,8,8,8,
8,8
800 DATA0,9,9,9,9,9,9,10,1
0,10,10
805 DATA10,10,10,10,10,11,11
,11,11,11,11,11
810 DATA11,11,12,12,12,12,12
,12,12,12,12,13
815 DATA13,13,13,13,13,13,13
,14,14,14,14,14
820 DATA14,14,14,14,14,14,14
,14,14,5,6,7
825 DATA10,11,12,16,21,22,23
,26,27,28,29,30
830 DATA4,8,10,13,16,20,24,2
6,4,10,13,15
835 DATA17,20,26,5,6,10,11,1
2,15,17,20,26
840 DATA7,10,14,18,20,26,27,
28,29,8,10,14
845 DATA15,16,17,18,20,26,4,
8,10,14,18,20
850 DATA24,26,5,6,7,10,14,18
,21,22,23,26
855 DATA27,28,29,30,74,46,80
,46,32,80,65,83
860 DATA81,85,73,69,82,32,80
,82,69,83,69,78
865 DATA84,69,58,70,49,32,58
,32,80,65,85,83
870 DATA69,70,51,32,58,32,83
,84,79,80,70,53
875 DATA32,58,32,80,79,85,82
,32,74,79,85,69
880 DATA82,64,32,67,79,80,89
,82,73,71,72,84
885 DATA32,49,57,56,53,162,0
,188,189,198,189,110
890 DATA198,134,20,170,24,32
,10,229,169,209,32,210
895 DATA255,166,20,232,224,7
9,208,231,162,3,160,6
900 DATA24,32,10,229,162,0,1
89,12,199,32,210,255
905 DATA232,224,23,208,245,1
62,18,160,11,24,32,10
910 DATA229,162,0,189,35,199
,32,210,255,232,224,10
915 DATA208,245,162,19,160,1
1,24,32,10,229,162,0
920 DATA189,45,199,32,210,25
5,232,224,9,208,245,162
925 DATA20,160,11,24,32,10,2
29,162,0,189,54,199
930 DATA32,210,255,232,224,1
5,208,245,162,24,160,9
935 DATA24,32,10,229,162,0,1
89,69,199,32,210,255
940 DATA232,224,16,208,245,1
69,255,141,15,212,169,128
945 DATA141,18,212,169,217,1
33,254,169,24,133,253,160
950 DATA0,173,27,212,74,74,7
4,74,145,253,230,253
955 DATA208,2,230,254,165,25
3,201,85,208,235,165,254
960 DATA201,218,208,229,165,
197,201,4,240,213,201,5
965 DATA240,18,201,6,208,205
,169,29,141,203,2,169
970 DATA0,141,204,2,141,205,
2,96,104,104,76,184
975 DATA192,238,205,2,173,20
5,2,201,3,240,31,173
980 DATA203,2,24,105,5,141,2
03,2,173,205,2,201
985 DATA2,240,7,169,28,141,2
04,2,208,5,169,61
990 DATA141,204,2,76,30,192,
169,29,141,203,2,169
995 DATA0,141,204,2,141,205,
2,165,2,56,233,30
1000 DATA133,2,76,30,192,169
,1,141,28,208,160,140
1005 DATA162,255,173,27,212,
141,37,208,173,27,212,141
1010 DATA38,208,173,27,212,1
41,39,208,202,208,235,136
1015 DATA208,230,162,0,232,2
24,8,240,30,138,10,168
1020 DATA169,0,157,167,2,189
,174,2,170,189,0,202
1025 DATA153,0,208,189,200,2
02,153,1,208,152,74,170
1030 DATA76,140,200,173,30,2
08,169,100,141,0,208,173
1035 DATA30,208,41,1,240,12,
169,120,141,0,208,173
1040 DATA30,208,41,1,208,249
,169,1,141,39,208,169
1045 DATA0,141,28,208,198,19
1,208,3,76,107,195,76
1050 DATA144,192,245,160,59,
32,194
1200 POKES3280,0:POKES3281,0
1210 PRINT"☐":PRINT"XXXXXXXXXX
II VEUILLEZ PATIENTEZ UN INS
TANT"
1220 PRINT"XXXXXXXXXXJE MET ☐
SPACE EN MEMOIRE"
1240 PRINT"XXXXXXXXXXPROFITEZ
EN POUR METTRE LE JOYSTICK"
1250 PRINT"XXXXXXXXXXXXXXXXX
S LE PORT#2"
1260 PRINT"XXXXXXXXXXXXXXXXX
#E0H #E0U *****
1270 PRINT"XXXXXXXXXXXXXXXXX
"
1300 RETURN

```



Alerte ! Une énergie d'origine inconnue, tente d'infiltrer notre grille protectrice énergétique. Artilleurs, à vos canons !..

Dominico MANFREDI

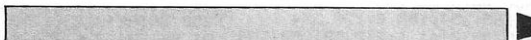
...listing 1...

```

10 POKES5,255:POKE56,15:POKE53280
,0:POKE53281,0:PRINT"☐":CLR
15 INPUT"ADRESSE COURANTE":C#:60
SUB300:AD=E:GOTO35
20 INPUT#:#S=0:L=L:(L=#):IFL<2ET
HEN40
25 FORI=0TO7:#S=#LEFT#(C#,2):GOSUB
100:POKEAD+I,V:L=L-3:#=RIGHT#(C#
,L):S=S+V:NEXT
30 AD=AD+8:C=#:GOSUB300:IFE<3T

```

Mode demploi
 Tout d'abord, tapez et lancez le listing 1 (sauvegardez-le, il pourra vous être utile pour des programmes ultérieurs). Ce programme dit "chargeur", est destiné à permettre l'implantation en mémoire des codes machine du listing 2. A la question "ADRESSE COURANTE ?", entrez l'adresse de début d'implantation (soit 1000); celle-ci s'affiche. Entrez alors à la suite en les séparant d'un espace, les huit codes machine ainsi que la somme de contrôle (en fin de ligne) et validez par RETURN. Si votre saisie est correcte, l'adresse suivante s'affiche etc... Dans le cas contraire, le message "ERREUR" signale votre maladresse et l'adresse courante s'affiche de nouveau : il ne vous reste plus qu'à recommencer.
 Si vous désirez lire ou vérifier une ligne de codes, tapez "A" après l'affichage de l'adresse courante. Le message "ADRESSE COURANTE ?" se réaffiche. Il vous suffit alors de rentrer l'adresse à partir de laquelle vous désirez effectuer la lecture, puis d'appuyer sur RETURN à l'affichage de celle-ci.
 En fin de saisie, stoppez le programme chargeur par RUN/STOP et sauvegardez le langage machine par :
 POKE 43,0 : POKE 44,16 : POKE 45,0 : POKE 46,29 : SAVE"XERES",1,1
 Lancez le programme par SYS 4096



```

HENPRINT"ERREUR":AD=AD-8
35 M=RD:GOSUB400:B$="":GOTO20
40 IFB$="A"THEN15
45 IFB$="O"THEN30
50 M=RD:PRINT"O":GOSUB400:PRINT
"
55 S=0:FORI=ADTORD+7:P=PEEK(I):S=
S+P:GOSUB500:PRINT " ":NEXT:M=S:G
OSUB400:PRINT:AD=AD+8:GOTO35
100 A=ASC(LEFT$(A$,1)):IFD$=5THEN
A=A-7
110 B=ASC(RIGHT$(A$,1)):IFB$=5THE
NB=B-7
120 V=(A-48)*16+B-48:RETURN
200 A=A+48:IFA>57THENA=A+7
210 RETURN
300 AS=LEFT$(C$,2):GOSUB100:D=B+V:A
S=RIGHT$(C$,2):GOSUB100:E=(256#D)
+V:RETURN
400 E=INT(M/256):F=INT(M-(256#E))
:P=E:GOSUB500:P=F:GOSUB500:RETURN
500 B=INT(P/16):C=INT(P-(16#B)):A
=B:GOSUB200:B=A:R=C:GOSUB200:C=A
510 PRINTCHR$(B):CHR$(C):RETURN

```

...listing 2...

```

1000 A9 00 8D 20 D0 8D 21 D0 0384
1008 20 44 E5 20 92 17 20 5B 028D
1010 16 A9 F0 8D 06 D4 A9 11 03D0
1018 8D 04 D4 A9 3C 8D FE 0F 03E4
1020 A2 00 A0 28 98 F0 F7 039E
1028 C8 E8 00 80 F6 A2 00 04FD
1030 BD 44 18 9D 00 9D 8D 83 0383
1038 1B 9D 40 06 0A 0D 01 1C 02DE
1040 C2 1B 9D 00 0A 0D 01 1C 02DE
1048 9D 00 08 E3 0E 3F D0 E8 045E
1050 A9 1F 8D 1D D0 A2 00 A9 038D
1058 50 9D 01 D0 A9 3C 9D 00 0340
1060 D0 E8 E8 0E 0A D0 F0 A2 05EC
1068 05 A9 0C 9D 26 D0 C0 03E7
1070 FR A9 01 85 02 A9 1F 8D 0380
1078 15 D0 AD 00 D0 AE 0E 03F8
1080 D0 20 8D 19 C8 C0 6D 044D
1088 F5 EE 00 D0 E2 D0 0E 0493
1090 00 19 C8 C0 9C D0 F2 EE 056D
1098 00 D0 EE 02 D0 EE 04 0452
10A0 20 8D 19 C8 C0 0C D0 EF 04CC
10A8 EE 00 D0 EE 02 D0 EE 04 0470
10B0 D0 EE 06 D0 20 8D 19 C8 0415
10B8 C0 FC D0 02 A5 19 20 0476
10C0 02 1A 5E 02 A5 02 C9 07 0278
10C8 D0 20 85 19 A8 6C CE 047A
10D0 02 D0 CE 04 D0 CE 06 0418
10D8 CE 06 D0 20 80 19 89 C0 03A7
10E0 3C D0 CE EE 02 D0 CE 04 048A
10E8 D0 CE 06 D0 CE 08 D0 20 043A
10F0 8D 19 C8 C0 6C D0 EC C0 04E9
10F8 3C EE 04 D0 CE 06 D0 CE 0470
1100 08 D0 20 8D 19 C8 C0 6C 0385
1108 D0 EF EE 04 D0 EE 06 D0 0545
1110 CE 08 D0 20 8D 19 C8 C0 03E7
1118 9C D0 EF A0 6C EE 06 D0 052B
1120 EE 08 D0 20 8D 19 C8 C0 0407
1128 CC D0 F2 A0 9C EE 08 D0 0590
1130 20 10 19 C8 C0 FC D0 F5 0502
1138 A9 10 8D 04 D4 A2 00 A9 0369
1140 07 D0 8D 07 F4 1A 9D 0487
1148 82 05 E8 0E 03 D0 F0 02 04D4
1150 08 A9 07 9D EB D9 FD F7 04C5
1158 1A 9D EB 05 E8 0E 1D 08 0450
1160 F0 8D 00 89 2B 1B D9 EB 0453
1168 05 D0 08 C8 C0 08 D0 F3 0430
1170 4C 95 11 A9 05 85 FE A9 03C9
1178 10 85 FC 85 02 A2 20 A0 037A
1180 00 A5 02 91 FB A5 FE 18 03EB
1188 69 28 85 FE A5 FC 69 00 0418
1190 85 FC CA D0 EC A2 01 86 0530
1198 02 CA D0 08 1B 9D C6 07 0316
11A0 A5 02 9D C6 D0 EB 0E 1C 04C9
11A8 D0 F0 A2 00 E6 02 A5 02 03F1
11B0 C9 10 D0 04 A9 01 85 02 02DE
11B8 20 75 19 AD 0C D0 29 10 0270
11C0 D0 8D 20 44 E5 A9 00 8D 0427
11C8 15 D0 8D 10 D0 AD 16 D0 03E5
11D0 10 9D 16 D0 A9 00 85 02BA
11D8 07 A9 08 05 F4 1A 9D 0543
11E0 00 A9 0A 91 FB 88 D0 F9 0490
11E8 E6 FC 0A D0 F2 F0 17 0583
11F0 20 DC 16 A2 00 8D 8E 1A 0319

```

DEULIGNE

Mergez, immergez et emmergez (mais pas "aime Hergé" ni "MRG") vos programmes en toute facilité...



```

1 INPUTA$,A,B$,B:Z$=CH
R$(34):POKE631,19:FORI
=2T09:POKE631+I,13:NEK
T:POKE190,9:PRINT"LGRA
$,A,B,Z$
2 PRINT"PG43,(P(45)-2
)AND255:PG44,P(46)+(P
(45)<2):LG"Z$B$Z$","B
"POKEPG43,1:PG44,8
10 REM * ENTRER 'RUN'
20 REM * PUIS : NOM1,P
1,NOM2,P2

```

```

1440 20 7B 18 A9 04 05 A5 032E
1448 A5 2C 10 08 0C 20 85 02E8
1450 16 06 A5 A5 08 F0 4C 0417
1458 27 13 20 52 17 8D 05 0255
1460 C9 D0 08 03 4C B1 15 20 0386
1468 58 16 AD 5B 04 C9 31 F0 0367
1470 66 CE 5E 04 A9 0F 8D 18 02F0
1478 D4 A9 F0 8D 06 D4 8D 17 0494
1480 04 D4 04 A2 30 A9 64 8D 03D1
1488 FB 0F A9 10 85 A3 A0 02 038D
1490 20 77 19 20 43 17 AD FA 02D1
1498 0F 8D 0F D4 8D FB 0F A9 03BF
14A0 03 8D 01 D4 C6 A3 03 0416
14A8 D0 E4 CE 22 D0 CA 0D 05 05E3
14B0 A9 16 8D 04 D4 A9 00 8D 035A
14B8 15 A9 0F 8D 22 D0 20 033C
14C0 C2 16 A2 08 00 FF 20 77 038B
14C8 19 CA D0 F8 A9 01 8D 15 03F7
14D0 D0 20 5B 16 49 11 13 A9 027A
14D8 F0 8D 06 D4 A9 11 8D 04 03A2
14E0 D0 A9 34 F0 0F A9 01 03E7
14E8 8D F1 0F 0E 92 20 77 15 020F
14F0 FE F0 0F EE F1 0F AD F1 0529
14F8 0F C9 FF F0 14 CA D0 F3 0568
1500 CE 22 D0 CE 23 D0 C6 92 0449
1508 AD F1 0F 8D 01 D4 CE EF 0446
1510 14 09 01 8D 01 F1 0F CE F0489
1518 0F AD F0 0F C9 05 F0 03 037C
1520 4C EB 14 A9 10 8D 04 D4 0369
1528 A9 00 8D 22 D0 8D 23 D0 0388
1530 05 82 8D 10 8D AD 00 A9 0344
1538 01 9D 8D 09 D9 33 1B 9D 038A
1540 90 05 E8 0E 11 D0 F0 AD 04E6
1548 0C D0 29 10 D0 05 A2 00 035C
1550 A9 0A 9D 98 D9 E8 0E 11 049D
1558 D0 F6 20 58 16 20 D0 16 0369
1560 AD 33 04 C0 47 04 F0 05 02F1
1568 80 2R 4C 1A 15 AD 04 04 02C4
1570 CD 48 04 F0 05 8D 14 4C 0327
1578 A4 15 AD 35 04 C0 49 04 0229
1580 F0 06 10 4C 1A 15 AD 0367
1588 36 04 CD 4R 04 F0 05 033A
1590 03 4C 1A 15 R2 04 8D 32 029D
1598 04 9D 46 04 A9 30 9D 32 0293
15A0 04 CA D0 F2 A9 35 8D 05 0456
15A8 04 A9 31 8D 6F 04 4C 0E 0238
15B0 12 A5 A5 2C 10 D0 D0 22 035A
15B8 D0 00 0E F0 5C D0 04 00 0388
15C0 C9 FF F0 06 FE 04 D0 4C 04DC
15C8 51 14 A9 01 9D 04 D0 04 032D
15D0 10 00 05 A5 8D 10 D0 4C 0343
15D8 51 14 00 0E F0 1D D0 02FFA
15E0 04 D0 C9 30 06 FE 04 04 03C5
15E8 D0 4C 5D 14 8D 08 FE 05 032C
15F0 D0 08 D0 F0 00 9D 00 0466
15F8 0E 4C 51 14 D0 04 C9 0319
1600 01 F0 05 D4 0D 4C 51 035F
1608 14 A9 FF 9D 04 D0 10 03EA
1610 D0 25 86 10 D0 4C 51 0385
1618 14 8D 04 D0 C9 30 F0 06 0394
1620 DE 04 D0 4C 51 14 8D 00 0308
1628 FE 05 D0 8D 00 FA A9 01 04CF
1630 08 00 0E 4C 51 14 8D 00 0327
1638 0F D0 1F A9 8D 8D 0F 03E0
1640 AD 15 10 05 A5 8D 15 D0 038E
1648 20 52 17 A9 3C 9D 05 D0 0300
1650 A9 01 9D 00 0E A9 4D 00 02D8
1658 04 D0 8D 1F A9 00 8D 00 0335
1660 D0 04 CA D0 F8 A9 0F 8D 048F
1668 18 D4 60 A9 08 8D 0C D4 036D

```


JPL-WINDOW

Pour votre commodité et l'agrément de votre machine, offrez dix nouvelles instructions au Basic standard de votre Commodore.

Jean-Pascal LAUX

Mode d'emploi :

Tapez et sauvegardez le premier programme JPL-WINDOW.BAS. Avant chargement de ce dernier, faites :

POKE 44,92 : POKE 92 * 256,0 : NEW

Après lancement et apparition du message "ready", tapez LIST (RETURN); la ligne suivante apparaît :

10 SYS 2070

Sauver ce programme (langage machine), puis tapez RUN pour vérifier son fonctionnement. Le lancement du second programme, porte à votre connaissance quelques exemples d'utilisation.

Ce programme ajoute au Basic standard du Commodore 64, dix nouvelles instructions divisées en trois groupes : gestion de l'horloge, gestion du sprite, gestion des fenêtres.

GESTION DE L'HORLOGE :

! CLK n : valide l'affichage de l'horloge, en attribuant à n une valeur supérieure à 0, inférieure ou égale à 255. Dévalide cet affichage par n=0.

! TIM h,m,s : permet la mise à l'heure avec :

- h, supérieur ou égal à 0, inférieur ou égal à 23.

- m, supérieur ou égal à 0, inférieur ou égal à 59.

- s, supérieur ou égal à 0, inférieur ou égal à 59.

GESTION DU SPRITE :

ce sprite en forme de main avec un doigt tendu, joue le rôle d'une souris. Ses déplacements s'effectuent à l'aide d'un joystick branché dans le port 2.

! SPR n : affiche le sprite en attribuant à n une valeur supérieure à 0, inférieure ou égale à 255. Efface le sprite par n=0.

! SPL : transfère la position X du sprite dans la variable SX%, la position Y dans SY% et l'état du bouton "FIRE" dans SF% :

- SF%=0, bouton appuyé.

- SF%=16, bouton relâché.

GESTION DES FENETRES :

le nombre de fenêtre qui peuvent être ouvertes, n'est limité que par leur taille. En disposant de 8 Ko pour la sauvegarde des fenêtres, il est possible de stocker 4 pages écran (4 Ko écran, 4 Ko couleur). L'espace libre peut être connu par :

? 49150-(PEEK(49405) + PEEK(49406) * 256)

L'ouverture à l'écran d'une fenêtre s'obtient par :

! WOP lx,ly,dx,dy,ty,cl avec :

- lx,ly, coordonnées du coin haut/gauche de la fenêtre.

- dx, longueur de la fenêtre.

- dy, hauteur de la fenêtre.

- ty, à 0 ou différent de 0.

- cl, couleur.

! WCL : ferme la dernière fenêtre ouverte.

! WCR y,x : positionne le curseur dans le fenêtre en cours.

! SAD : effectue le scrolling d'une ligne vers le haut de l'espace écran de la fenêtre en cours.

! SBC : même chose que ! SAD, mais vers le bas.

! CUR y,x : positionne le curseur à l'écran lorsqu'aucune fenêtre n'est ouverte.

! INI : cette onzième instruction permet de réinitialiser l'utilitaire en cas de problèmes.

POINTS D'ENTREES :

SYS 49157 : recopie du générateur de caractères en RAM.

SYS 49259 : création des caractères des fenêtres.

SYS 50725 : définition des caractères accentués.

SYS 53195 : réinitialise l'utilitaire après un RESET du Commodore (utile pour ceux qui ont installé un bouton RESET).

```

10 DATA 24,32,240,255,96,173
,14,220
20 DATA 41,254,141,14,220,16
5,1,41
30 DATA 251,133,1,169,0,168,
133,251
40 DATA 133,253,169,208,133,
252,169,224
50 DATA 133,254,162,16,177,2
51,145,253
60 DATA 200,208,249,230,252,
230,254,202
70 DATA 208,242,165,1,9,4,13
3,1
80 DATA 173,14,220,9,1,141,1
4,220
90 DATA 96,169,200,141,136,2
,169,147
100 DATA 32,210,255,173,2,22
1,9,3
110 DATA 141,2,221,173,0,221
,41,252
120 DATA 141,0,221,169,40,14
1,24,208
130 DATA 96,160,0,185,132,19
2,153,104
140 DATA 235,73,255,153,104,
239,200,192
150 DATA 112,208,240,185,132
,192,153,120
160 DATA 235,73,255,153,120,
239,200,192
170 DATA 120,208,240,96,255,
192,192,192
180 DATA 192,192,192,192,192
,192,192,192
190 DATA 192,192,192,192,255
,0,0,0
200 DATA 0,0,0,0,255,3,3,3
210 DATA 3,3,3,3,3,3,3,3
220 DATA 3,3,3,3,3,3,3,3
230 DATA 3,3,3,255,192,192,1
92,192
240 DATA 192,192,192,255,192
,192,192,192
250 DATA 192,192,192,255,3,3
,3,3
260 DATA 3,3,3,255,0,0,0,0
270 DATA 0,0,0,255,0,60,60,6
0
280 DATA 255,126,60,24,0,24,
60,126
290 DATA 255,60,60,60,0,0,0,0
0
300 DATA 0,0,0,255,0,24,28,2
54
310 DATA 255,254,28,24,0,24,
56,127
320 DATA 255,127,56,24,255,0
,160,185
330 DATA 173,253,192,133,253
,72,173,254
340 DATA 192,72,133,254,173,
171,2,10
350 DATA 170,169,0,133,251,1
33,252,24
360 DATA 165,252,109,170,2,1
33,252,144
370 DATA 2,230,251,202,208,2
41,165,252
380 DATA 24,105,10,144,2,230
,251,24
390 DATA 101,253,133,252,165
,251,101,254
400 DATA 201,192,48,1,96,160
,6,136
410 DATA 185,168,2,145,253,1
92,0,208

```

- JPL WINDOW

420 DATA 246,173,134,2,160,5
 ,145,253
 430 DATA 165,253,24,105,6,13
 3,253,144
 440 DATA 2,230,254,169,0,133
 ,252,173
 450 DATA 169,2,133,251,162,5
 ,6,251
 460 DATA 8,6,252,40,144,2,23
 0,252
 470 DATA 202,208,243,162,3,1
 0,202,208
 480 DATA 252,24,101,251,133,
 251,144,2
 490 DATA 230,252,173,168,2,2
 4,101,251
 500 DATA 133,251,144,2,230,2
 52,165,251
 510 DATA 72,165,252,24,105,2
 00,72,24
 520 DATA 105,16,133,252,165,
 253,24,105
 530 DATA 4,133,253,144,2,230
 ,254,174
 540 DATA 171,2,172,170,2,177
 ,251,145
 550 DATA 253,136,16,249,165,
 251,24,105
 560 DATA 40,133,251,144,2,23
 0,252,165
 570 DATA 253,24,109,170,2,13
 3,253,144
 580 DATA 2,230,254,202,208,2
 20,165,252
 590 DATA 201,215,48,13,104,1
 33,252,104
 600 DATA 133,251,72,165,252,
 72,76,167
 610 DATA 193,165,253,141,253
 ,192,165,254
 620 DATA 141,254,192,104,133
 ,252,104,133
 630 DATA 251,173,173,2,141,1
 34,2,104
 640 DATA 133,254,104,133,253
 ,160,8,165
 650 DATA 251,145,253,200,165
 ,252,145,253
 660 DATA 160,6,173,253,192,1
 45,253,200
 670 DATA 173,254,192,145,253
 ,32,35,194
 680 DATA 96,255,0,0,255,255,
 0,0
 690 DATA 255,255,0,165,251,7
 2,165,252
 700 DATA 72,174,170,2,202,20
 2,142,177
 710 DATA 2,169,0,133,2,172,1
 68,2
 720 DATA 173,169,2,24,101,2,
 170,32
 730 DATA 0,192,169,173,32,20
 2,241,169
 740 DATA 175,32,231,194,169,
 176,32,202
 750 DATA 241,172,168,2,173,1
 69,2,24
 760 DATA 101,2,170,32,0,192,
 169,174
 770 DATA 32,202,241,169,32,3
 2,231,194
 780 DATA 169,177,32,202,241,
 174,171,2
 790 DATA 202,228,2,208,220,1
 72,168,2
 800 DATA 173,169,2,24,101,2,
 170,32
 810 DATA 0,192,169,179,32,20

2,241,169
 820 DATA 185,32,231,194,169,
 178,32,202
 830 DATA 241,173,172,2,240,7
 2,198,2
 840 DATA 198,2,198,2,172,168
 ,2,173
 850 DATA 169,2,24,101,2,170,
 32,0
 860 DATA 192,169,180,32,202,
 241,169,182
 870 DATA 32,231,194,169,181,
 32,202,241
 880 DATA 172,168,2,200,200,1
 73,169,2
 890 DATA 24,101,2,170,32,0,1
 92,169
 900 DATA 183,32,202,241,173,
 168,2,109
 910 DATA 170,2,56,233,3,168,
 32,0
 920 DATA 192,169,184,32,202,
 241,104,141
 930 DATA 177,2,104,141,176,2
 ,96,174
 940 DATA 177,2,32,202,241,20
 2,208,250
 950 DATA 230,2,96,0,200,255,
 136,132
 960 DATA 255,255,0,0,255,255
 ,68,0
 970 DATA 0,0,255,255,0,0,255
 ,255
 980 DATA 169,54,133,1,169,16
 0,133,254
 990 DATA 72,169,0,133,253,17
 0,76,41
 1000 DATA 195,160,0,177,253,
 205,253,192
 1010 DATA 240,32,170,200,177
 ,253,133,254
 1020 DATA 72,138,24,105,6,13
 3,253,144
 1030 DATA 2,230,254,104,205,
 254,192,208
 1040 DATA 224,138,205,253,19
 2,208,218,76
 1050 DATA 59,196,200,177,253
 ,205,254,192
 1060 DATA 240,6,136,177,253,
 76,34,195
 1070 DATA 165,253,56,233,6,1
 41,253,192
 1080 DATA 133,253,165,254,23
 3,0,141,254
 1090 DATA 192,133,254,160,5,
 177,253,141
 1100 DATA 134,2,165,253,24,1
 05,10,133
 1110 DATA 253,144,2,230,254,
 173,176,2
 1120 DATA 133,251,173,177,2,
 24,105,16

1130 DATA 133,252,174,171,2,
 172,170,2
 1140 DATA 136,177,253,145,25
 1,136,16,249
 1150 DATA 165,253,24,109,170
 ,2,133,253
 1160 DATA 144,2,230,254,165,
 251,24,105
 1170 DATA 40,133,251,144,2,2
 30,252,202
 1180 DATA 208,219,165,252,20
 1,215,48,13
 1190 DATA 173,176,2,133,251,
 173,177,2
 1200 DATA 133,252,76,130,195
 ,173,176,2
 1210 DATA 133,251,173,253,19
 2,208,7,173
 1220 DATA 254,192,201,160,24
 0,109,169,160
 1230 DATA 133,254,169,6,133,
 253,160,0
 1240 DATA 177,253,205,253,19
 2,240,35,72
 1250 DATA 200,177,253,133,25
 4,104,24,105
 1260 DATA 6,133,253,144,2,23
 0,254,165
 1270 DATA 254,205,254,192,20
 8,224,165,253
 1280 DATA 205,253,192,208,21
 7,169,55,133
 1290 DATA 1,96,200,177,253,2
 05,254,192
 1300 DATA 240,6,136,177,253,
 76,223,195
 1310 DATA 165,253,56,233,6,1
 33,253,165
 1320 DATA 254,233,0,133,254,
 160,9,177
 1330 DATA 253,153,168,2,136,
 16,248,173
 1340 DATA 176,2,133,251,173,
 177,2,133
 1350 DATA 252,173,253,192,13
 3,253,173,254
 1360 DATA 192,133,254,169,55
 ,133,1,96
 1370 DATA 169,75,141,38,3,16
 9,196,141
 1380 DATA 39,3,96,72,165,154
 ,201,3
 1390 DATA 240,3,76,213,241,1
 73,253,192
 1400 DATA 201,0,208,10,173,2
 54,192,201
 1410 DATA 160,208,3,76,209,2
 41,104,141
 1420 DATA 188,2,152,72,138,7
 2,173,188
 1430 DATA 2,201,147,208,15,1
 73,176,2
 1440 DATA 133,251,173,177,2,
 133,252,32
 1450 DATA 35,194,169,19,201,
 19,208,17
 1460 DATA 32,210,241,172,168
 ,2,200,174
 1470 DATA 169,2,232,32,0,192
 ,76,194
 1480 DATA 196,201,13,208,6,3
 2,201,196
 1490 DATA 76,194,196,165,211
 ,56,237,168
 1500 DATA 2,170,232,236,170,
 2,240,9



1510 DATA 173,188,2,32,210,2
41,76,194
1520 DATA 196,32,201,196,173
,188,2,32
1530 DATA 210,241,104,170,10
4,168,76,179
1540 DATA 230,165,214,56,237
,169,2,170
1550 DATA 232,232,173,172,2,
201,0,240
1560 DATA 2,232,232,236,171,
2,208,4
1570 DATA 32,239,196,96,166,
214,232,172
1580 DATA 168,2,200,32,0,192
,96,173
1590 DATA 177,2,133,252,174,
171,2,202
1600 DATA 202,202,173,172,2,
201,0,240
1610 DATA 2,202,202,173,176,
2,24,105
1620 DATA 40,133,251,144,2,2
30,252,164
1630 DATA 252,132,254,24,105
,40,133,253
1640 DATA 144,2,230,254,172,
170,2,136
1650 DATA 136,177,253,145,25
1,136,192,0
1660 DATA 208,247,202,240,25
,165,251,24
1670 DATA 105,40,133,251,144
,2,230,252
1680 DATA 165,253,24,105,40,
133,253,144
1690 DATA 2,230,254,76,28,19
7,172,170
1700 DATA 2,136,136,169,32,1
45,253,136
1710 DATA 192,0,208,249,166,
214,172,168
1720 DATA 2,200,32,0,192,96,
232,200
1730 DATA 152,72,200,204,170
,2,16,35
1740 DATA 104,168,138,72,173
,172,2,201
1750 DATA 0,240,2,232,232,23
2,236,171
1760 DATA 2,16,16,104,24,109
,169,2
1770 DATA 170,152,24,109,168
,2,168,32
1780 DATA 0,192,96,104,96,16
0,0,173
1790 DATA 169,2,24,109,171,2
,170,202
1800 DATA 202,173,172,2,201,
0,240,2
1810 DATA 202,202,32,0,192,1
65,209,24
1820 DATA 109,168,2,133,251,
165,210,105
1830 DATA 0,133,252,165,251,
56,233,40
1840 DATA 133,253,165,252,23
3,0,133,254
1850 DATA 174,171,2,202,202,
173,172,2
1860 DATA 201,0,240,2,202,20
2,172,170
1870 DATA 2,136,136,177,253,
145,251,136
1880 DATA 192,0,208,247,202,
240,29,165
1890 DATA 251,56,233,40,133,
251,165,252
1900 DATA 233,0,133,252,165,

253,56,233
1910 DATA 40,133,253,165,254
,233,0,133
1920 DATA 254,76,206,197,173
,176,2,24
1930 DATA 105,40,133,253,173
,177,2,105
1940 DATA 0,133,254,172,170,
2,136,136
1950 DATA 169,32,145,253,136
,192,0,200
1960 DATA 249,174,169,2,232,
172,168,2
1970 DATA 200,32,0,192,96,16
0,0,185
1980 DATA 56,198,153,24,235,
73,255,153
1990 DATA 24,239,200,192,64,
200,240,96
2000 DATA 12,24,60,102,126,9
6,60,0
2010 DATA 48,24,60,102,126,9
6,60,0
2020 DATA 60,102,60,102,126,
96,60,0
2030 DATA 48,24,60,6,62,102,
62,0
2040 DATA 0,0,60,96,96,60,20
,56
2050 DATA 48,24,102,102,102,
102,62,0
2060 DATA 60,102,60,102,102,



0,220,170
2200 DATA 41,240,74,74,74,74
,9,48
2210 DATA 141,185,2,138,41,1
5,9,48
2220 DATA 141,186,2,173,8,22
0,41,4
2230 DATA 240,5,169,32,76,12
9,204,169
2240 DATA 58,141,184,2,162,8
,160,3
2250 DATA 189,178,2,157,255,
199,152,157

DEULIGNE

Une courbe sinusoïdale en haute résolu-
tion, ça vous tente ?



102,60,0
2070 DATA 24,60,0,56,24,24,6
0,0
2080 DATA 72,138,72,152,72,1
73,0,220
2090 DATA 73,255,41,15,201,8
,48,3
2100 DATA 32,157,204,41,7,20
1,4,48
2110 DATA 3,32,183,204,41,3,
201,2
2120 DATA 48,3,32,224,204,41
,1,240
2130 DATA 3,32,210,204,173,1
78,2,240
2140 DATA 100,173,11,220,170
,41,128,240
2150 DATA 5,169,80,76,64,204
,169,65
2160 DATA 141,179,2,169,77,1
41,180,2
2170 DATA 138,41,16,240,2,16
9,1,9
2180 DATA 48,141,182,2,138,4
1,15,9
2190 DATA 48,141,183,2,173,1

1 H=53265:POKEH,PEEK(H
)OR32:POKEH+7,PEEK(H+7
)OR8:DIMAX(8000):PRINT
"T":FORX=0TO319:K=X/16
0*PI-PI
2 Y=SIN(K)*90+100:A=81
92+(XAND504)+(YAND7)+(Y
AND248)*40:POKEA,PEEK
(A)OR2*(7-(XAND7)):NEX
T
10 REM * SI VOUS NE VO
YEZ RIEN: AUGMEN-
20 REM TEZ LA LUMIER
E.

2260 DATA 255,215,202,208,24
3,104,168,104
2270 DATA 170,104,76,49,234,
72,172,0
2280 DATA 208,173,16,208,41,
1,240,6
2290 DATA 192,77,208,2,104,9
6,200,208
2300 DATA 3,170,232,138,76,2
38,204,72
2310 DATA 172,0,208,173,16,2
08,41,1
2320 DATA 208,6,192,25,208,2
,104,96
2330 DATA 136,192,255,208,2,
169,0,76
2340 DATA 238,204,72,172,1,2
08,192,50
2350 DATA 208,2,104,96,136,7
6,0,205
2360 DATA 72,172,1,208,192,2
42,208,2

JPL WINDOW

```

2370 DATA 104,96,200,76,0,20
5,140,0
2380 DATA 208,141,250,204,17
3,16,208,41
2390 DATA 254,9,0,141,16,208
,104,96
2400 DATA 140,1,208,104,96,1
92,0,0
2410 DATA 96,0,0,49,128,0,63
,0
2420 DATA 0,63,0,0,63,0,0,30
2430 DATA 192,0,1,128,0,160,
24,185
2440 DATA 5,205,153,0,240,13
6,16,247
2450 DATA 160,64,169,0,153,0
,240,136
2460 DATA 192,23,208,248,169
,192,141,248
2470 DATA 203,169,100,141,0,
208,141,1
2480 DATA 208,169,1,141,21,2
08,120,169
2490 DATA 0,141,20,3,169,204
,141,21
2500 DATA 3,169,32,141,181,2
,169,0
2510 DATA 141,8,220,173,14,2
20,9,128
2520 DATA 141,14,220,96,9,12
8,133,69
2530 DATA 138,9,128,133,70,1
69,128,133
2540 DATA 14,32,231,176,133,
73,132,74
2550 DATA 173,248,2,160,0,14
5,73,200
2560 DATA 173,249,2,145,73,9
6,173,0
2570 DATA 208,141,249,2,173,
16,208,41
2580 DATA 1,141,248,2,169,88
,170,169
2590 DATA 83,32,100,205,173,
1,208,141
2600 DATA 249,2,169,0,141,24
8,2,169
2610 DATA 89,170,169,83,32,1
00,205,173
2620 DATA 0,220,41,16,141,24
9,2,169
2630 DATA 0,141,248,2,169,70
,170,169
2640 DATA 83,32,100,205,96,1
62,0,201
2650 DATA 10,48,7,232,56,233
,10,76
2660 DATA 199,205,141,231,2,
138,10,10
2670 DATA 10,10,13,231,2,96,
104,141
2680 DATA 228,2,104,141,229,
2,104,32
2690 DATA 197,205,141,9,220,
104,32,197
2700 DATA 205,141,10,220,104
,162,0,142
2710 DATA 232,2,201,13,48,8,
56,233
2720 DATA 12,162,128,142,232
,2,32,197
2730 DATA 205,13,232,2,141,1
1,220,169
2740 DATA 0,141,8,220,173,22
9,2,72
2750 DATA 173,228,2,72,96,10
4,141,228
2760 DATA 2,104,141,229,2,32
,115,0
2770 DATA 32,158,183,138,72,
206,230,2
2780 DATA 240,6,32,253,174,7
6,48,206
2790 DATA 173,229,2,72,173,2
28,2,72
2800 DATA 96,32,115,0,208,3,
76,174
2810 DATA 167,201,58,240,244
,201,33,240
2820 DATA 3,76,231,167,32,11
5,0,201
2830 DATA 87,208,100,32,115,
0,201,79
2840 DATA 208,48,32,115,0,20
1,80,240
2850 DATA 3,76,231,167,169,6
,141,230
2860 DATA 2,32,29,206,160,6,
169,167
2870 DATA 133,251,169,2,133,
252,104,145
2880 DATA 251,136,208,250,32
,0,193,169
2890 DATA 147,32,210,255,32,
121,0,76
2900 DATA 231,167,201,67,208
,246,32,115
2910 DATA 0,201,76,208,9,32,
8,195
2920 DATA 32,115,0,76,140,20
6,201,82
2930 DATA 208,226,169,2,141,
230,2,32
2940 DATA 29,206,104,168,104
,170,32,94
2950 DATA 197,32,121,0,76,23
1,167,201
2960 DATA 83,208,103,32,115,
0,201,65
2970 DATA 208,16,32,115,0,20
1,68,208
2980 DATA 232,32,239,196,32,
115,0,76
2990 DATA 231,167,201,66,208
,16,32,115
3000 DATA 0,201,67,208,212,3
2,141,197
3010 DATA 32,115,0,76,231,16
7,201,80
3020 DATA 208,199,32,115,0,2
01,82,208
3030 DATA 36,169,1,141,230,2
,32,29
3040 DATA 206,104,208,11,173
,21,208,41
3050 DATA 254,141,21,208,76,
23,207,173
3060 DATA 21,208,9,1,141,21,
208,32
3070 DATA 121,0,76,231,167,2
01,76,208
3080 DATA 246,32,134,205,32,
115,0,76
3090 DATA 231,167,201,67,208
,64,32,115
3100 DATA 0,201,85,208,28,32
,115,0
3110 DATA 201,82,208,219,169
,2,141,230
3120 DATA 2,32,29,206,104,16
8,104,170
3130 DATA 32,0,192,32,121,0,
76,231
3140 DATA 167,201,76,208,246
,32,115,0
3150 DATA 201,75,208,239,169
,1,141,230
3160 DATA 2,32,29,206,104,14
1,178,2
3170 DATA 32,121,0,76,231,16
7,201,84
3180 DATA 208,31,32,115,0,20
1,73,208
3190 DATA 210,32,115,0,201,7
7,208,203
3200 DATA 169,3,141,230,2,32
,29,206
3210 DATA 32,222,205,32,121,
0,76,231
3220 DATA 167,201,73,208,182
,32,115,0
3230 DATA 201,78,208,175,32,
115,0,201
3240 DATA 73,208,168,32,203,
207,32,115
3250 DATA 0,76,231,167,0,0,2
55,255
3260 DATA 0,0,234,255,0,0,25
5,255
3270 DATA 0,0,255,255,0,0,25
5,255
3280 DATA 169,206,141,9,3,16
9,65,141
3290 DATA 8,3,96,169,0,141,2
53,192
3300 DATA 169,160,141,254,19
2,32,5,192
3310 DATA 32,97,192,32,37,19
8,32,64
3320 DATA 196,32,65,192,32,2
9,205,169
3330 DATA 14,32,210,255,169,
128,141,145
3340 DATA 2,76,192,207,0,0,2
55,255
3350 DATA 0,4,234,255,10,0,1
0,0
3360 REM
3370 REM *****
**
3380 REM PROGRAMME PRINCIPA
L
3390 REM *****
**
3400 REM
3410 FOR I=2500 TO 6595
3420 IF I=4156 THEN I=5572
3430 READ J:POKE I,J
3440 NEXT I
3450 REM
3460 REM *****
*****
3470 REM PROGRAMME DE LANCE
MENT
3480 REM *****
*****

```



```

3490 REM
3500 FOR I=2049 TO 2061
3510 READ J:POKE I,J
3520 NEXT
3530 DATA 12,8,10,0,158,32,5
0,48,55,48,0,0,0
3540 REM
3550 REM *****
*****
3560 REM PROGRAMME DE TRANS
FERT
3570 REM *****
*****
3580 REM
3590 FOR I=2070 TO 2116
3600 READ J:POKE I,J
3610 NEXT
3620 DATA 169,196,133,251,16
9,9,133,252
3630 DATA 169,0,133,253,169,
192,133,254
3640 DATA 162,16,160,0,177,2
51,145,253
3650 DATA 200,208,249,230,25
2,230,254
3660 DATA 202,208,242,169,56
,141,24,3
3661 DATA 169,199,141,25,3,7
6,203,207
3662 REM
3663 REM *****
*****
3664 REM ROUTINE RUN/STOP R
ESTORE
3665 REM *****
*****
3666 REM
3667 FOR I=4348 TO 4369 :RE
AD J
3668 POKE I,J:NEXT I
3669 DATA 72,138,72,152,72,8
,32,163,253
3670 DATA 32,24,229,32,203,2
07,40,104
3671 DATA 168,104,170,104,64
3680 REM *****
*****
3690 REM PLACEMENT DES POIN
TEURS
3700 REM *****
*****
3710 REM
3720 POKE 45,200:POKE 46,25
3730 CLR:POKE 44,8:POKE 43,1
3775 REM

```

DEULIGNE

Examinez la mémoire de votre ordinateur,
tout en évitant les amnésies...



IL N'EST
DE PIRES
ÂNES QUE
LE PIRES
DES ÂNES
(PROVERBE
MALIEN)

```

1 A$="":B$=CHR$(34):FO
RJ=0T07:X=PEEK(I+J):GO
SUB2:B$=B$+CHR$(X):NEX
T:PRINT"III";A$B$:I=I+8
:GOTO1
2 Z=INT(X/16):A$=A$+CH
R$(48+Z-7*(Z>9)):Z=%AN
D15:A$=A$+CHR$(48+Z-7*
(Z>9))+":RETURN
10 REM * METTRE L'ADRE
SSE DE DEBUT DE
20 REM DESASSEMBLAGE
DANS 'I'.
30 REM * FAIRE 'GOTO 1
40 REM * TOUCHE 'STOP'
POUR ARRETER.

```

...listing 2...

```

1 !CLK 0
2 PRINT"O";
5 !CUR 10,10:PRINT" ^L-OINDO
W"
6 FOR I=1 TO 400:NEXT
10 !WOP 5,5,25,10,0,3
20 PRINT " ^L-OINDOW"
30 PRINT:PRINT
40 !WCR 3,1:INPUT" !ORLOGE (O
/N) ";H$
50 IF LEFT$(H$,1)="N" THEN 1
00
55 !CLK 255
60 !WCR 4,1:INPUT" !EURE (1
24) ";HH$
70 !WCR 5,1:INPUT" !INUTES
";MM$
80 !WCR 6,1:INPUT" !ECONDES
";SS$
95 HH=VAL(CHH$):MM=VAL(CMH$):S
5=VAL(CSS$)
90 !TIM HH,MM,SS
100 PRINT"O ^L-OINDOW"
110 PRINT:PRINT
120 !WCR 3,1:INPUT" !OURIS (O
/N) ";B$

```

```

130 IF LEFT$(B$,1)="O" THEN
140
135 !SPRO:GOTO 170
140 !SPR255:!SPL:PRINT" !OSI
TION ^ ";SKZ
150 PRINT" !OSITION I ";SYX
160 PRINT" !OUTON _";SFZ
170 PRINT" ^PUIYER SUR ESPR
CE";
180 GET A$:IF A$<>" " THEN 1
90
190 PRINT"O ^L-OINDOW"
200 PRINT:PRINT" !CROL
LING"
210 GOSUB 1000
220 !SAD
222 FOR I=1 TO 100:NEXT:!SAD
230 GOSUB 1000
240 !SBC
242 FOR I=1 TO 100:NEXT:!SBC
250 GOSUB 1000
260 PRINT"O"
270 PRINT"[WHIT]E = ^"
275 GOSUB 1000
280 PRINT"[=] + = ^"
285 GOSUB 1000
290 PRINT"[=] E = ^"
295 GOSUB 1000
300 PRINT"[=] e = _"
305 GOSUB 1000
310 PRINT"[=] T = ^"
315 GOSUB 1000
320 PRINT"[=] G = |"
325 GOSUB 1000
330 PRINT"[=] M = |"
335 GOSUB 1000
340 PRINT"[=] N = |"
345 GOSUB 1000
350 PRINT
360 PRINT"LE G^N^RATEUR DE C
ARAC-"
370 PRINT" !RES COMMENCE ^ L
^A-"
390 PRINT"DRESSE $^000 AU-DE
SSOUS"
392 PRINT"DE LA ^ ^ERNAL."
395 GOSUB 1000:GOSUB 1000:GO
SUB 1000
400 !WCL
410 END
1000 FOR I=1 TO 1500:NEXT:RE
TURN

```



CARAL

KEY MOUSE 64

Hobiste passionné, cherche désespérément à compenser l'absence de "souris" dans sa vie solitaire...

Patrice RETKOWSKY

Mode d'emploi :

Le premier programme contient les indications nécessaires et permet l'implantation en mémoire du langage machine effectif par :
SYS 49152

A titre indicatif, le sprite utilisé est le 0 : Coordonnées X en 53248, Y en 53249, couleur en 53287.

Pour une meilleure compréhension de "KEY MOUSE", le second programme vous offre un exemple simple d'utilisation.

...listing 1...

```

100 REM = KEY MOUSE // =
110 :
120 RESTORE
130 S=0
140 FOR I=49152 TO 49321
150 READ A:S=S+A
160 POKE I,A
170 NEXT
180 IF S=23977 THEN 200
190 PRINT"ERREUR DE DATA..."
:STOP
200 :
210 FOR I=0 TO 62:READ A
220 POKE 896+I,A:NEXT
230 :
240 POKE 53248,24:POKE 53249
,50
250 POKE 53269,00:POKE 53287
,00
260 POKE 53271,00:POKE 53277
,00
270 POKE 53264,00:POKE 53275
,00
280 POKE 53276,00:POKE 2040,
14
290 :
300 POKE 53280,06:POKE 53281
,14
310 PRINT"KEY MOUSE 64
COMMODORE 64"
320 PRINT" ACCES PAR"
330 PRINT" C= ET CTRL"
340 PRINT" POKE 254,1"
350 PRINT" SUPPRESSION PAR"
360 PRINT" C= ET CTRL"
370 PRINT" POKE 254,0"
380 PRINT" COORDONNEES MACRO
"
390 PRINT" X=PEEK(252)"
400 PRINT" Y=PEEK(253)"
410 PRINT" SI LA SOURIS ES
T HORS DE L'ECRAN"
420 PRINT" LA COORDONNEE I
NDIQUE 255"
430 PRINT" DEPLACEMENT"
440 PRINT" 0 1 2 3 4 5 6 7 8 9
"
450 POKE 198,0:WAIT 198,1:GE
T R$
460 POKE 254,1
480 END
490 :
55000 REM = DATA(S) =
55010 :
55020 DATA 120,169, 13,141,1
43, 2,169

```

...listing 2...

```

55030 DATA 192,141,144, 2, ,0,0,0
88, 96,173 55370 DATA 0,0,0,0,0,0,0,0
55040 DATA 141, 2,201, 6,2 ,0,0,0
08, 19,164
55050 DATA 254,192, 1,240,
9,200,132
55060 DATA 254,140, 21,208,
76, 72,235
55070 DATA 136, 76, 27,192,1 =
65,254,201
55080 DATA 1,240, 3, 76,1
09,192,164
55090 DATA 203,192, 46,208,
10,174, 1
55100 DATA 208,202,202,234,2
34,142, 1
55110 DATA 208,192, 45,208,
10,174, 0
55120 DATA 208,202,202,234,2
34,142, 0
55130 DATA 208,192, 50,208,
10,174, 0
55140 DATA 208,232,232,234,2
34,142, 0
55150 DATA 208,192, 55,208,
10,174, 1
55160 DATA 208,232,232,234,2
34,142, 1
55170 DATA 208, 76,116,192,1
41, 21,208
55180 DATA 76, 72,235,234,1
41, 21,208
55190 DATA 173, 0,208, 56,2
33, 24,133
55200 DATA 252, 70,252, 70,2
52, 70,252
55210 DATA 169, 28,197,252,
16, 4,169
55220 DATA 255,133,252,173,
1,208, 56
55230 DATA 233, 50,133,253,
70,253, 70
55240 DATA 253, 70,253,169,
25,197,253
55250 DATA 16, 4,169,255,1
33,253, 76
55260 DATA 72,235 ,
55270 :
55280 REM = CHECKSUM = 23977
=
55290 :
55300 REM - SPRITE -
55310 :
55320 DATA 252,0,0,248,0,0,2
40,0,0
55330 DATA 248,0,0,220,0,0,1
42,0,0
55340 DATA 7,0,0,3,128,0,1,1
92,0
55350 DATA 0,192,0,0,0,0,0,0
,0,0,0,0
55360 DATA 0,0,0,0,0,0,0,0

```

FLOYD

Vivez les affres de FLOYD le robot, chargé de veiller sur l'intégrité d'une banque de données, sans cesse menacées par d'ignobles bugs, sparks et autres locks...

Maxime FRENOT

```

0 POKE56,68:CLR:RUN8000
1 LV=0:TL=0:NF=3:GP=.85:EX=1
0000:GOTO760
10 POKE1C,.:VU=. :GOSUB9700:G
OSUB2000:GOSUB1000
20 DV=(LVANDC3)-C4*(LV)C3)
30 FORX=0TO15:POKESC+16+X,IX
(X):POKESC+X,AK(DV,X):NEXT
40 FORX=0TO24:POKESI+X,N*(X)
:NEXT
50 SF=60-C4*INT((LV-C5)/C4):
IFSFC32THENSF=32
60 RD=60-LV:IFRDC.THENRD=. :G
P=.7
80 POKEAF,SF:POKESE,U:POKEIC
,U:POKEFK,.
90 I=FR(0)
100 PRINTLEFT$(VT$,ASC(Y$))T
AB(ASC(X$))IR$
110 X$=MID$(X$,C2):Y$=MID$(Y
$,C2):DI=C4+RND(.)*DW:IFX$="
"THEN4000
130 DI=DI-U:IFDI<.THEN100
140 FORX=2TO7:IFPEEK(8C+X)=.
THENSYS0,X:XD=SD+X:GOSUB100
150 NEXT:IFRND(.)>OPTHENSYS0
G
160 IFPEEK(FK)THEN700
170 GOTO130
180 IFPEEK(XD)=14THENPOKEXD,
15:QS=50*(U-(X)C3):GOSUB310
:GOTO5000
190 XC=SC+X:IFPEEK(XD)THENPO
KEXD,.:POKEXC,C5+RND(.)*RD:R
ETURN
200 ONXGOSUB0,400,400,500,50
0,600,600
210 POKEXD,ND:SYSS0, SX,SY,X:
SYSS1,X:POKEXC,NC:FF=GF+(XOR
U)*C2:GOTO300
300 POKEF2,FF:POKEV2,WB:POKE
V2,WB+U:RETURN
310 POKEV3,WN:POKEV3,WN+U:RE
TURN
400 P=INT(RND(.)*HR):SX=HX(P

```

```

):SY=HV(P):ND=HD(P):NC=HT:PO
KEMC+X,HH:RETURN
500 P=INT(RND(.)*DR):SX=DX(P
):SY=DY(P):ND=DD(P):NC=DT:PO
KEMC+X,DD:RETURN
600 P=INT(RND(.)*VR):SX=VX(P
):SY=VY(P):ND=VD(P):NC=VT:PO
KESP+X,VV-(P)10:RETURN
700 POKEIC,.:POKESE,U:POKESI
+19,12:GOSUB310:POKESI+12,0:
POKESI+13,244
710 FORI=1TO31:POKESP,IANDUO
R64:FORD=1TO25:NEXT:NEXT:PRI
NT"J"
720 POKEV2,WB:POKEF2,12:POKE
V2,WB+U:FORD=1TO400:NEXT:POK
EV2,WB
730 POKEF2,6:POKEV2,WB+U:FOR
D=1TO400:NEXT:POKEV2,WB:FORD
=1TO300:NEXT
740 IFEXTHENIFTL>EXTHENNF=NF
+1:EX=.
750 POKESE,.:NF=NF-1:IFNF=.T
HENG000
760 PRINT"SPC(213)T$:PRI
NTTAB(13)"
770 PRINTTAB(14)"PREPAREZ V
OUS":PRINTTAB(13)"
790 GOTO10
800 POKEV1,.:POKEV2,.:POKESI
+12,.:POKESI+5,.:POKESI+13,2
47:POKESI+6,247
810 FORX=1TO2
820 POKESI+U,20:POKEF2,40:PO
KEV1,17:POKEV2,17
830 FORD=1TO340:NEXT:POKEV1,
16:POKEV2,16
840 POKESI+U,30:POKEF2,60:PO
KEV1,17:POKEV2,17
850 FORD=1TO340:NEXT:POKEV1,
16:POKEV2,16
860 FORD=1TO100:NEXT:NEXT:RE
TURN
1000 PRINT"POKEGF,.:POK
EQB,.:POKEDE,11
1010 PRINT"FORY=0TO5:P
RINTTAB(4):FORX=0TO9

```

```

1020 PRINT"+
1030 PRINT"NEXT:PR
INT"
1030 PRINT"CORE"LTAB(16)
"AXI"HTAB(31)"IES"NF
1100 PRINT"TAB(6):FORX=0
TO9:PRINT"
1110 PRINT"FORX=0TO5:P
RINT"
1120 PRINTTAB(5):FORX=0TO9:P
RINT"
1130 PRINT:PRINTTAB(33)"
1999 POKEDE,27:RETURN
2000 X$="":I=RND(-TI)
2010 FORX=0TO9:FORY=0TO5:I=I
NT(RND(.)*LEN(X$))
2020 X$=LEFT$(X$,I)+CHR$(X*C
3+C5)+MID$(X$,I+U)
2030 Y$=LEFT$(Y$,I)+CHR$(Y*C
3+C5)+MID$(Y$,I+U)
2040 NEXT:NEXT:RETURN
4000 POKEIC,.:POKESE,.:POKES
I+12,3
4010 LV=LV+1:QS=10:CQ$="DIN
S":FF=150
4030 QD=. :FORY=0TO5:FORX=0TO
9:CP=P0+X*C3+Y*C3*40
4040 Q=PEEK(CP):IFQ=129THEN4
080
4050 QD=QD+1:PRINTLEFT$(VT$,
C5+C3*Y)TAB(C5+C3*X)"
4060 PRINTVT$CQ$QD"X"QS"
="QD*QS"
4070 GOSUB5000:IFQD=45THENQD
=. :QS=100:CQ$="BONUS":FF=16
0
4080 PRINTVT$"
EXT:FORD=1TO500:NEXT
4200 POKESE,.:PRINT"SPC(
213)T$:PRINTTAB(13)"

```



FLOYD

```

4210 PRINTTAB(14) "OMPLET" I
NT((QD-45*(QS>10))/60*100) "
%"
4220 PRINTTAB(13) " "
      "GOSUB800:FORD=1T0800
: NEXT
4230 PRINTTAB(11) "IT "
      "
4240 PRINTTAB(12) "IFFICULT
E /O "LV+1
4250 PRINTTAB(11) " "
      "
4260 IFEXTHENIFTL>EXTHENNF=N
F+1:EX=.
4290 GOT010
5000 TL=TL+QS:PRINT" "
TL:IFTL>HITHENHI=TL:PRINTTA
B(20) "HI
5010 RETURN
6000 PRINT"CORE"TLTAB(16)
"AKI"HI
6010 PRINT"SPC(172)T$:PRIN
TTAB(10) "
6020 PRINTSPC(11) "
/ " :PRINTTAB(10) "
6030 PRINTTAB(5) "RESSEZ
/ " "
6040 PRINTSP$:PRINTTAB(6) "OU
/ " "
6050 POKESI+24.:POKEIC.
6060 IFPEEK(197)=1THENGOSUB9
000:PRINT" "GOT06030
6070 IFPEEK(JP)AND16THEN6060
6080 GOT01
8000 POKES3280.0:POKES3281.0
:POKE198.0
8010 T$=" "
8020 T$=T$+" "
8030 T$=T$+" "
9040 PRINT"SPC(172)T$:PR
INTTAB(10) "
9050 PRINTTAB(11) "AR \XIM
E _RENOT"
9060 PRINTTAB(10) " "
      " :PRINTSPC(131) "
9080 PRINTTAB(11) " N \NSTA
NT SVP "SPC(24) "
8120 DEFFNR(X)=INT(RND(.)*X)
8130 DIMVZ(2,46),SZ(2,7),AZ(
7,15),IZ(15),NZ(24)
8140 DIMDX(3),DY(3),DD(3),HX
(11),HY(11),HD(11),VX(19),VY
(19),VD(19)
8200 SB=20480:UC=19464:IR=32
768:JP=56320:VC=53248:CS=378
88:AF=56325
8210 SE=VC+21:MS=VC+16:SP=10
424:SC=680:SD=688:IC=2:POKES
E.:POKEIC.
8220 U=1:C2=2:C3=3:C4=4:C5=5
:C9=9:L4=15:L5=31:L8=255:B5=
16:B9=256
8230 HI=5000:EX=2*HI:X0=50:Y
0=79:C2=24:MX=11*C2:MY=7*C2:
ZX=X0-CZ:ZY=Y0-CZ
8240 HT=255:VT=84:DT=168:HR=
12:VR=20:DR=4:HH=2:VV=72:DD=
7:DW=40
8250 S0=33088:S1=33104:S0=33
120:SG=33168:FK=171:CC=646
8260 QF=53280:QB=53281:CS=53

```

```

265:P0=17573:MC=VC+39:MV=286
72
8270 SI=54272:V1=SI+4:V2=SI+
11:V3=SI+18:F2=SI+8:WB=64:WN
=128:GF=15
8300 SP$=" "
8310 VT$=" "
8320 DA$=" "
8400 FORI=0T02:FORX=0T046:RE
ADVZ(I,X):NEXT: NEXT
8410 FORI=0T02:FORX=0T07:RE
ADSZ(I,X):NEXT: NEXT
8420 FORI=0T07:FORX=0T015:RE
ADAZ(I,X):NEXT: NEXT
8430 FORX=0T015:READI%(X):NE
XT
8440 FORX=0T07:READC(X):NEX
T
8450 FORX=0T095:READN:POKEMV
+X,N:NEXT:SYSMV
8460 FORX=0T031:READN:POKEUC
+X,N:NEXT
8470 FORX=0T024:READN%(X):NE
XT
8480 FORX=0T0767:READN:POKES
R+X,N:NEXT
8490 FORX=0T0668:READN:POKEI
R+X,N:NEXT
8500 FORI=0T03:DX(I)=ZX+MX*5
GN(IANDC2):DY(I)=ZY+MY*5GN(I
ANDU)
8510 DD(I)=C2/(U+SGN(IANDU))
+8/(U+SGN(IANDC2)):NEXT
8520 FORI=0T011:HX(I)=ZX-MX*
(I<C5):HY(I)=ZY+CZ*(I+U)+144
*(I<C5)
8530 HD(I)=8+C4*(I<C5):NEXT
8540 FORI=0T019:VX(I)=ZX+CZ*
(I+U)+240*(I<C9):VY(I)=ZY-MY
*(I<C9)
8550 VD(I)=C2+(I<C9):NEXT
8560 FORX=1T09:F1(X)=100+X*1
0:F2(X)=200-X*10:NEXT
8590 POKE56334.0:POKE788.0:P
OKE789.128:POKE56334.1
8590 PRINT"ITIT":GOT06030
9000 VU=1:GOSUB9700:PRINT"J"
TAB(12)T$
9040 PRINT" * E SUIS _L
OYD LE ROBOT CHARGER /
9050 PRINT" DE PROTEGER UNE
BANQUE DE DONNES. /
9060 PRINT" CE STOCKAGE DE
DONNES *
9070 PRINT" PERTURBER
PAR DES BUGS * /
9080 PRINT" SPARKS * ET
LOCKS * CHAQU'UNE /
9090 PRINT" DES DONNEES AI
NSI PERTURBER ET MISE /
9100 PRINT" A LA DOUBELLE
* !
9110 PRINT" _LOYD PEU D
ETUIRE LES BUGS ET /
9120 PRINT" LES LOCKS PAR
DES DECHARGES * /
9130 PRINT" IMPOSSIBLE SUR
LES SPARKS ! @
9140 GOSUB9900:VU=2:GOSUB970
0
9160 PRINT" _TILISER LE
JOYSTICK AU PORT _O 2/
9170 PRINT" VOUS CONTROLEZ
_LOYD POUR PROTEGER /
9180 PRINT" LE MAXIMUM DE D
ONNEES PAR DIFFICULTE /
9190 PRINT" CHAQUE ECRAN C

```

```

OMPLET Y COMPRIS LES /
9200 PRINT" DOUBELLES VOUS
RAPORTE LES. /
9210 PRINT" *CORES SUIVA
NT.....
9220 PRINT" * LOCKS...
... 100 POINTS /
9230 PRINT" * LUGS....
... 50 POINTS /
9240 PRINT" * TIONS...
... 10 POINTS /
9250 PRINT" 75% DE ROTEG
ER = IONUS 100 POINTS@
9260 GOSUB9900
9290 RETURN
9700 POKESE.:FORX=0T07:POKE
SP+X,SZ(VU,X):NEXT
9710 FORX=0T046:POKEVC+X,VZ(
VU,X):NEXT:RETURN
9800 Q0=PEEK(SE):Q1=Q0*2+1:F
ORI=1T05
9810 POKESE,Q0:FORD=1T080:NE
XT
9820 POKESE,Q1:FORD=1T080:NE
XT:NEXT:RETURN
9900 P=17530:POKESE,0:C=0
9910 P=P+1:X=PEEK(P):D=2*2*2
9920 IFX=42THENGOSUB9800:GOT
09910
9930 IFX=47THENP=P+40:GOT099
10
9940 IFX=32THEN9910
9950 C=C+1:AND7:IFXTHENPOKE
P+CS,1:POKEP+CS,C(C):GOT0991
0
9960 PRINTTAB(10) "RESSEZ
" "
9970 WAIT197.32:POKESE,0:PRI
NT"
9980 FORX=2T022:PRINTSP$:FOR
D=1T050:NEXT: NEXT
9990 PRINT" :RETURN
10000 DAT60,79,60,79,,,,,
,,,,,0
10010 DATA0,27,,,,,200,0,19,
,,,,,0
10020 DATA,,,,,5,0,2,2,7,7
,6,6
10030 DATA46,68,220,98,34,11
6,90,132,208,132,170,162,44,
194,0,0
10040 DATA68,27,,,,,200,0,19
,,,,,0
10050 DATA,,,,,5,4,2,6,7,1
2,1,0
10060 DATA48,160,48,180,48,1
98,,,,,0
10070 DATA0,27,,,,,200,0,19,
,,,,,0
10080 DATA,,,,,7,2,6,,,,,0
10090 DATA64,75,68,68,67,67,
72,73,64,74,69,72,67,66,75,0
,67,69,74,,,,,0
11000 DATA0,0,0,1,1,1,1,1,0,
1,0,128,128,128,128,128
11010 DATA0,0,0,1,0,1,1,1,0,
1,0,128,0,128,128,128
11020 DATA0,0,0,1,1,1,0,1,0,
1,0,128,120,128,0,128
11030 DATA0,0,0,1,0,1,0,1,0,
1,0,128,0,128,0,128
11040 DATA0,0,0,0,1,0,1,0,1,0,
1,0,0,0,128,0,128
11050 DATA0,0,0,0,0,0,0,0,1,
1,0,0,0,0,0,128
11060 DATA0,0,0,0,0,1,0,0,0,
1,0,0,0,128,0,0

```


7,252,133,180,168,189,0,208,
70,253,144
17050 DATA5,229,254,176,1,13
6,70,253,144,6,24,101,254,14
4,1,200
17060 DATA157,0,208,152,69,1
80,240,8,173,16,208,69,252,1
41,16,208
17070 DATA104,170,232,6,252,
144,153,173,168,2,208,45,173
,16,208,74
17080 DATA173,0,208,106,170,
172,1,208,169,0,224,127,42,2
24,42,42
17090 DATA192,176,42,192,103
,42,73,5,13,0,220,73,15,41,1
5,240
17100 DATA8,141,176,2,169,24
,141,168,2,165,251,41,3,208,
26,162
17110 DATA1,188,250,71,136,1
89,178,2,41,4,208,2,200,200,
152,41
17120 DATA3,9,68,157,250,71,
202,16,232,173,169,2,208,76,
173,21
17130 DATA209,41,253,141,21,
208,173,0,220,41,16,208,61,1
73,0,208
17140 DATA141,2,208,173,1,20
8,141,3,208,173,16,208,106,8
,106,40
17150 DATA42,42,141,16,208,1
73,21,208,9,2,141,21,208,173
,0,220
17160 DATA73,255,41,15,208,3
,173,176,2,141,177,2,169,16,
141,169

17170 DATA2,162,128,142,4,21
2,232,142,4,212,238,40,208,7
6,32,130
17180 DATA32,253,174,32,138,
173,32,247,183,96,234,234,23
4,234,234,234
17190 DATA1,2,4,8,16,32,64,1
28,254,253,251,247,239,223,1
91,127
17200 DATA120,32,32,129,173,
21,208,57,56,129,141,21,208,
88,96,234
17210 DATA120,32,32,129,173,
21,208,25,48,129,141,21,208,
88,96,234
17220 DATA120,32,32,129,72,1
52,72,32,32,129,152,72,32,32
,129,152
17230 DATA10,170,104,157,1,2
08,104,157,0,208,104,201,1,1
73,16,208
17240 DATA57,56,129,144,3,25
,48,129,141,16,208,88,96,234
,234,234
17250 DATA120,169,4,133,98,1
62,4,173,21,208,37,98,240,10
8,173,16
17260 DATA208,37,98,201,1,18
9,0,208,106,56,233,8,74,74,1
33,99
17270 DATA189,1,208,56,233,4
6,41,248,72,133,100,169,0,6,
100,42
17280 DATA6,100,42,168,104,2
4,101,99,144,1,200,24,101,10
0,144,1
17290 DATA200,133,167,133,16
9,24,152,105,68,133,168,105,
148,133,170,168

17300 DATA0,177,167,201,108,
208,35,134,99,162,3,188,20,1
30,189,24
17310 DATA130,145,167,169,25
2,145,169,202,16,241,162,3,1
42,8,212,162
17320 DATA64,142,11,212,232,
142,1,212,166,99,232,232,6,9
8,144,135
17330 DATA88,96,0,0,0,1,40,4
1,129,130,131,132,0,0,0,0
17340 DATA173,21,208,72,133,
252,173,0,208,172,1,208,162,
14,32,112
17350 DATA130,144,2,38,171,1
04,10,10,133,252,41,8,240,13
,173,2
17360 DATA208,172,3,208,162,
10,32,112,130,176,3,76,49,23
4,138,74
17370 DATA170,169,241,157,39
,208,169,15,157,176,2,169,1,
157,168,2
17380 DATA169,0,141,169,2,76
,49,234,234,0,0,0,0,0,0
17390 DATA133,253,132,254,6,
252,144,30,189,1,208,56,229,
254,201,8
17400 DATA144,4,201,247,144,
16,189,0,208,56,229,253,201,
8,144,4
17410 DATA201,247,144,2,56,9
6,202,202,224,3,176,216,96



Accentuez ainsi le caractère de votre COMMODORE...

M.PELLEGRINI

Mode d'emploi :

Tout d'abord, tapez et lancez le listing 1 (sauvegardez-le pour un emploi ultérieur). Ce programme "chargeur" est destiné à permettre l'implantation en mémoire des codes machine du listing 2. A la question "ADRESSE COURANTE ?", entrez l'adresse de début d'implantation, puis à la suite en les séparant d'un espace, les huit codes machine ainsi que la somme de contrôle. Validez la ligne par RETURN. Si votre saisie est correcte, l'adresse suivante s'affiche etc... Dans le cas contraire, le message "ERREUR" signale votre bévue et l'adresse courante s'affiche de nouveau : il ne vous reste plus qu'à recommencer.



Si vous désirez lire ou vérifier une ligne de codes, tapez "A" après l'affichage de l'adresse courante. Au réaffichage de "ADRESSE COURANTE ?", il vous suffit de rentrer l'adresse à partir de laquelle vous désirez effectuer la lecture, puis d'appuyer sur RETURN à l'affichage de celle-ci. En fin de saisie, stoppez le programme chargeur par RUN/STOP et sauvegardez le langage machine par :
POKE 43,0 : POKE 44,192 : POKE 45,96 : POKE 46,195 : SAVE "F.CHAR",1,1
 Lancez le programme par : **SYS 49152**

Comblant une lacune d'une CBM 64, ce programme permet l'accès à un jeu de minuscules accentuées par l'appui simultané sur la touche SHIFT ou C = (touche Commodore) et une autre touche selon le tableau suivant :

â : SHIFT/+	à : C = / -
é : SHIFT/è	ê : C = / ^
è : C = / ' "	ë : SHIFT/ESPACE
î : C = / K	ï : C = / !
ô : C = / T	ó : C = / @
ù : C = / G	û : C = / +
ç : C = / M	ç : C = / £

Ce jeu de caractères est recopié en RAM à partir de \$3000, les caractères accentués et leur inverse étant situés respectivement à partir de \$3AD8 et \$3ED8.

L'appui sur la touche F1, affiche la page HELP qui donne la table de nouvelle assignation des touches. Un second appui sur F1, restaure immédiatement l'écran initial stocké à partir de \$C400 lors de l'appel de la page HELP.

La scrutation de la touche F1 s'effectue grâce à l'interruption IRQ située aux adresses \$0314/\$0315.



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...listing 1...

```

10 POKE55,255:POKE56,15:PO
KE53280,0:POKE53281,0:PRIN
T"OUI".CLR
15 INPUT"ADRESSE COURANTE
":C$:GOSUB300:AD=E:GOTO35
20 INPUT$=:S=0:L=LEN(C$):I
FL<>28THEN40
25 FORI=0TO7:A$=LEFT$(C$,2
):GOSUB100:POKEADI,I,V:L=L-
3:B$=RIGHT$(C$,L):S=S+V:NE
XT
30 AD=AD+8:C$=B$:GOSUB300:
IFE<>STHENPRINT"ERREUR":AD
=AD-8
35 M=AD:GOSUB400:B$="":GOT
O20
40 IFB$="A"THEN15
45 IFB$<>" "THEN30
50 M=AD:PRINT"OUI":GOSUB400
:PRINT" "
55 S=0:FORI=ADTOAD+7:P=PEE
K(I):S=S+P:GOSUB500:PRINT"
":NEXT I:M=S:GOSUB400:PRIN
T:AD=AD+8:GOTO35
100 A=ASC(LEFT$(A$,1)):IFA
>57THENA=A-7
110 B=ASC(RIGHT$(A$,1)):IF
B>57THENB=B-7
120 V=((A-48)*16)+B-48:RET
URN
200 A=A+48:IFA>57THENA=A+7
210 RETURN
300 A$=LEFT$(C$,2):GOSUB10
0:I=V:A$=RIGHT$(C$,2):GOSU
B100:E=(256*I)+V:RETURN
400 E=INT(M/256):F=INT(M-(
256*E)):P=E:GOSUB500:P=F:G
OSUB500:RETURN
500 B=INT(P/16):C=INT(P-(1
6*B)):A=B:GOSUB200:B=A:C=
GOSUB200:C=A
510 PRINTCHR$(B):CHR$(C):
RETURN
    
```

```

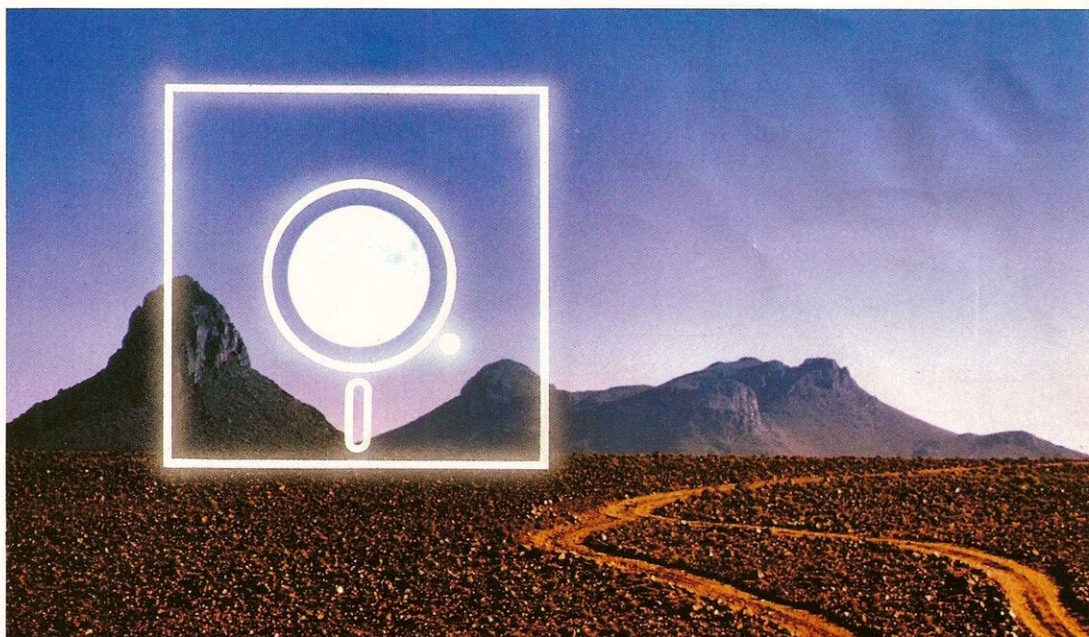
C000 84FC930A0CB85FD 0546 C220 99999999C1FFFFFF 0622
C008 84FEA204A000B1FB 0474 C228 C19F9FC1F7CFC3BD 0606
C00D 91FD88D0F9E6FCE6 0667 C230 665E5666BDC3111F 0338
C00E FECA0F0A931A0EA 05EC C238 2020C34152414354 026E
C00E 788D14038C150358 0218 C240 DF52455320C60552 0306
C00E 2044E5A963A0C220 03D7 C248 414ER74149532053 0286
C00F 1EAB5C3C904D0FA 04D0 C250 55521C20C3CFCDCD 040F
C00F A900A0C485FB84FC 050D C258 CFC4CFD2C52020634 0483
C100 A900A00485FD84FE 0451 C260 990D00202020202020 0146
C100 A204A000B1FB91FD 0480 C268 20202020C1C20C05 023B
C110 88D0F9E6FCE6FECA 06E1 C270 CD009911110D1120 0295
C110 D0F0A930A0CB85FB 0584 C278 2020202020202020 0100
C120 84FC930A0CB85FD 0621 C280 DB202D20D3C8202B 032E
C128 84FEA204A000B1FB 0474 C288 2020202020202020C20 01BC
C130 91FD88D0F9E6FCE6 0667 C290 2D20C33D202D0D11 018E
C138 FECA0F0A982A0C00 0613 C298 2020202020202020 0100
C140 788D14038C150358 0218 C2A0 20D202D20D3C820 0325
C148 A90D8D860218A6B4 033D C2A8 2D20202020202020FF 01EC
C150 A4B520F0FF601866 0446 C2B0 202D20C33D205E0D 01F8
C158 3C0663E663E003008 015C C2B8 112020202020202020 00F1
C160 3C0663E663E000608 0132 C2C0 2020DF202D20C33D 028C
C168 3C667E603C001866 023A C2C8 202A202020202020 010A
C170 3C667E603C006010 022C C2D0 A0202D20D3C820D3 039B
C178 3C667E603C006060 0222 C2D8 500D11202020A3202D 0190
C180 3C667E603C0060C0 0228 C2E0 20202020A120D20 018E
C188 003818183C001866 0122 C2E8 C33D20C33D202020 026E
C190 003818183C001866 0122 C2F0 2020A220D20C33D 024F
C198 3C6666663C003C03 02A9 C2F8 20C90D1120202020 0187
C1A0 666666663E003008 020E C300 2020202020A3202D 0190
C1A8 666666663E006600 023C C308 20C33D20D4202020 0274
C1B0 666666663E000000 01D6 C310 202020A4202D20C3 0234
C1B8 3E60603E008030C42 01F2 C318 3D20400D11202020 011E
C1C0 99A1A199423CE399 046E C320 202020202020A520 0185
C1C8 C3F9C199C1FFCFF7 069C C328 2D20C33D20C72020 0274
C1D0 C3F9C199C1FFF9F7 06C6 C330 20202020A6202D20 0193
C1D8 C399819FC3FFE399 058A C338 C33D202B0D112020 01A9
C1E0 C399819FC3FF9FEF 05CC C340 20202020202020A7 0187
C1E8 C399819FC3FF99FF 05D6 C348 202D20C33D20C2D0 027A
C1F0 C399819FC3FF99FF 05D6 C350 2020202020A8202D 0195
C1F8 FFC7E7E7C3FFE399 06D2 C358 20C33D205C0D9000 0239
C200 FFC7E7E7C3FFE399 06D2 C360 C0FB00FB00FB00FB 04FC
C208 C39999999C3FFC33C 054F
C210 99999999C1FF9FEF 0582
C218 99999999C1FF9FEF 058C
    
```

...listing 2...

```

C000 A90B8D11D0A9808D 03D8
C008 8002A91F8D18D0A9 0372
C010 080D2D0D08D21D0A9 03A4
C018 0D8D86022044E5A9 0314
C020 36A0C2201EAB8A90 032A
C028 A0D085FB84FCA900 0519
C030 A03085FD84FEA900 047D
C038 A0338D0E0DC8401A2 0371
C040 10A000B1FB91FD08 0472
C048 D0F9E6FCE6FECA00 0729
C050 F0A937A00185018C 0383
C058 0EDCA26FB056C19D 046C
C060 D83ACAD0F7A26FBD 0571
C068 C6C19D083ECA0D0F 05C9
C070 A982A0C0780D1403 03A7
C078 8C150358A9188D11 025E
C080 D060EAB5C3C904D0 0527
C088 03208FC04C31E8A8 03C3
C090 3820F0FF86B484B5 048A
C098 A900A00485FB84FC 044D
C0A0 A900A0C485FD84FE 0511
C0A8 A204A000B1FB91FD 0480
C0B0 88D0F9E6FCE6FECA 06E1
C0B8 D0F0A930A0CB85FB 065F
    
```





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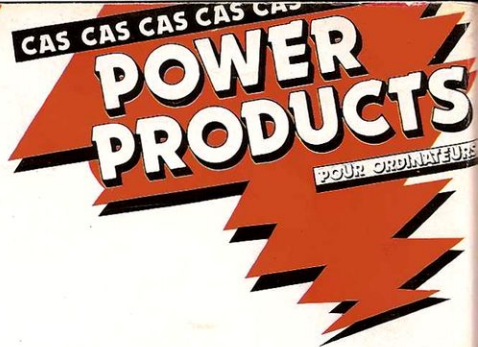
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