

CPC

utilitaire



MOTYF

LES RSX 2

Nous aurons ce mois-ci des programmes qui nous permettrons d'augmenter les performances de MOTYF (voir n° 46 et 47 d'Amstar & CPC) ainsi qu'une petite démonstration.

S. ST-MARTIN & M. FAUQUET

Valable pour CPC 464 - 664 - 6128

LES RSX

Les nouvelles RSX sont :

IECRAN, x (de 1 à 13), pour afficher l'écran de 13 façons différentes

ISprite, N° du sprite à l'écran (1 à 9), N° du sprite dans la table, x, y, buffer

IAffich, N° de sprite

IDroite, N° de sprite

IGauche, N° de sprite

IHaut, N° de sprite

IBas, N° de sprite

- Le fichier RSX2.BIN doit être placé en &9700, tapez call &9700 pour initialiser les sprites.
- La table des sprites "Fichier.TAS" doit être placée en &A400.
- Le fichier des sprites se charge à l'adresse définie par l'utilisation (suivant le relogement avec le relogeur de table RELOGEUR et le programme RELOGE 2 pour réactiver le fichier).
- Le tableau doit être placé en &9500.

LE SEPARATEUR DE TABLEAUX

Il permet de séparer le fichier global des tableaux en petits fichiers représentant un tableau chacun et ainsi gagner plus de place en mémoire pour votre programme principal.

LE RELOGEUR N°2

Il permet de réactualiser l'adresse de chargement du fichier des sprites dans le programme RSX2.BIN.

LE PROGRAMME AMELIORE

Changez la ligne 120 dans le programme RELOGEUR pour augmenter les performances du relogeur de table.

CHARGEMENT

Tapez les programmes suivants :

- 1.BAS faire RUN
- 2.BAS faire RUN
- 3.BAS faire RUN
- 4.BAS faire RUN

AMELIOR.BAS sauvez-le
DEMO.BAS sauvez-le
RELOGE2.BAS sauvez-le
SEPAR.BAS sauvez-le

PROGRAMME DEMO

Faites un RUN "DEMO". Appuyez sur Espace et vous verrez le lutin défilier.

Listez le programme pour voir la syntaxe des RSX et comment utiliser celles-ci.



1.
B A S

```

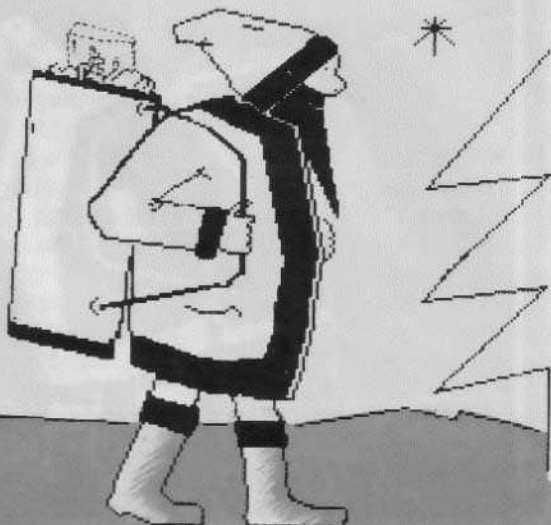
10 ' DATAS du programme RSX2.SPR
20 '
30 MODE 2:AD=&3000:NL=90
40 FOR A=1 TO 180:B=0:FOR C=1 TO 15:READ A#
50 POKE AD,VAL("&"+A#):B=B+PEEK(AD):AD=AD+1
60 NEXT:READ E#:IF VAL("&"+E#)<>B THEN 80
70 NL=NL+10:NEXT:SAVE"RSX2.SPR",B,&3000,&AF8:CLS:END
80 CLS:PRINT"LIGNE"NL;" INCORRECTE":END
90 DATA 00,00,00,00,00,00,54,FC,FC,FC,FC,A0,54,0E,3C,58A
100 DATA AE,0D,A0,54,0E,7D,0E,0D,A0,54,0E,AE,0E,0D,A0,4D0
110 DATA 00,AD,0C,0C,5E,00,00,AD,0E,0D,5E,00,00,FC,0F,354
120 DATA 0F,F9,A0,54,0B,AD,5E,0B,F6,54,03,F6,FC,03,F6,85D
130 DATA 54,03,F6,54,03,F6,54,0B,56,54,0B,56,00,ED,A0,699
140 DATA 00,ED,A0,00,54,00,00,54,00,00,00,00,00,FC,00,339
150 DATA 00,00,00,54,E7,A0,00,00,00,F9,DE,00,00,00,54,40E
160 DATA 4D,A0,00,00,00,AC,BE,FE,00,00,00,FD,78,7C,00,54E
170 DATA 00,54,5D,F8,FC,00,00,54,1C,BC,FC,00,00,54,BE,5DF
180 DATA 3C,5C,00,54,AC,BE,A5,06,00,ED,FD,BE,3C,FE,00,6E3
190 DATA ED,FD,FF,BC,FF,A0,ED,AC,AE,BC,FF,A0,54,DE,0C,B34
200 DATA BC,2C,A0,54,DE,FC,FF,FE,00,00,AC,BE,F6,5C,00,877
210 DATA 00,54,F3,DE,F6,00,00,54,CF,DE,DB,A0,00,54,CF,7C2
220 DATA 00,8E,A0,00,54,8A,00,00,00,00,00,00,00,FC,00,310
230 DATA 00,00,00,54,E7,A0,00,00,00,F9,DE,00,00,00,54,40E
240 DATA 4D,A0,00,00,00,AC,BE,FE,00,00,00,FD,78,7C,00,54E
250 DATA 00,54,5D,F8,FC,00,00,54,1C,BC,FC,00,00,54,BE,5DF
260 DATA 3C,5C,00,54,FC,BE,A5,06,00,ED,5C,BE,3C,FE,00,692
270 DATA ED,F6,BE,FE,FF,A0,ED,F6,BE,5C,FF,A0,54,DE,5D,B79
280 DATA 5C,2C,A0,54,8E,AC,FD,FE,00,00,BC,FE,BE,5C,00,78D
290 DATA 00,54,DB,ED,F6,00,00,ED,CF,F6,DB,A0,00,ED,CF,903
300 DATA 5C,8E,A0,00,00,00,00,00,00,00,00,00,00,00,192
310 DATA 00,00,00,54,FC,00,00,00,00,F9,E7,A0,00,00,54,42C
320 DATA 4D,ED,A0,00,00,AC,BE,FE,00,00,00,FD,78,7C,00,63B
330 DATA 00,54,5D,F8,FC,00,00,54,1C,BC,FC,00,00,54,BE,5DF
340 DATA 3C,5C,00,54,FC,BE,A5,06,00,ED,5C,1C,BC,FE,00,670
350 DATA ED,F6,FD,7D,FD,A0,ED,F6,AC,FF,FD,A0,54,DE,FC,C63
360 DATA 0C,AC,A0,54,8E,AE,FC,FE,00,00,BC,BE,BE,5C,00,77E
370 DATA 00,54,FC,DB,A0,00,00,ED,ED,CF,F6,00,00,ED,ED,84C

```

```

380 DATA CF,5C,00,00,00,00,00,00,00,00,00,00,FC,00,227
390 DATA 00,00,00,00,54,E7,A0,00,00,00,00,F9,DE,00,00,3BA
400 DATA 00,00,54,4D,A0,00,00,00,00,AC,BE,FE,00,00,00,3B1
410 DATA 00,FD,78,7C,00,00,00,54,5D,F8,FC,00,00,00,54,4EA
420 DATA 1C,BC,FC,00,00,00,54,BE,3C,5C,00,00,54,FC,BE,58C
430 DATA A5,06,00,00,ED,5C,BE,3C,FE,00,00,ED,F6,BE,FE,78B
440 DATA FF,A0,00,ED,F6,BE,5C,FF,A0,00,54,DE,5D,5C,2C,862
450 DATA A8,00,54,8E,AC,FD,FE,00,00,00,BC,FE,BE,5C,00,705
460 DATA 00,00,54,DB,ED,F6,00,00,00,ED,CF,F6,DB,A0,00,747
470 DATA 00,ED,CF,5C,8E,A0,00,00,FC,FC,FC,FC,00,00,83A
480 DATA AD,1C,7D,0C,5E,00,00,AD,1C,AF,0C,5E,00,00,AD,43F
490 DATA 5D,0D,0C,5E,00,00,54,0E,0C,0D,A0,00,00,54,0F,25A
500 DATA 0C,0F,A0,00,00,54,AD,0F,5E,F6,00,00,ED,56,0F,479
510 DATA ED,53,A0,00,A9,53,FC,A9,53,A0,00,A9,53,A0,A9,7D1
520 DATA 53,A0,00,ED,03,A0,ED,03,A0,00,54,DE,00,54,DE,68F
530 DATA 00,00,00,A0,00,00,A0,00,00,00,C3,A0,00,00,41,2F4
540 DATA C0,D0,00,00,C2,C0,C0,A0,00,C2,C0,C0,A0,41,C0,855
550 DATA C1,C0,D0,41,C0,C1,C0,D0,41,C0,D2,ED,D0,41,C0,A27
560 DATA C3,ED,D0,41,C1,D2,F0,D0,50,C1,F0,F0,D0,50,C0,AD8
570 DATA D0,C0,D0,50,C0,D0,C0,D0,50,C0,D0,C0,D0,00,ED,A20
580 DATA D0,C0,A0,00,ED,C0,C0,A0,00,50,C0,D0,00,00,710
590 DATA F0,A0,00,78,3C,B4,78,9C,E4,CC,36,6C,66,66,6C,796
600 DATA 99,66,99,66,33,99,99,33,99,66,33,99,33,33,5FA
610 DATA 33,33,33,13,23,33,13,23,03,09,06,03,09,06,18F
620 DATA 0C,0C,0C,0C,0C,0C,3C,3C,3C,3C,3C,3C,3C,3C,480
630 DATA F0,F0,F0,E1,E1,E1,E1,E1,C3,C3,C3,C3,C3,CA8
640 DATA 33,33,33,33,33,33,66,39,33,9C,99,33,66,39,33,43E
650 DATA 33,3C,33,66,CC,39,33,9C,33,33,9C,33,66,39,4E3
660 DATA 33,33,66,39,66,39,66,39,33,39,66,33,66,9C,33,47D
670 DATA CC,66,99,33,66,39,36,33,99,66,39,99,66,33,39,5A9
680 DATA 66,33,99,66,33,99,33,33,33,33,33,0F,0F,0F,3C3
690 DATA 0F,0F,0F,0B,0D,0F,07,0B,0D,0B,06,0F,0E,0F,0D,BD
700 DATA 0B,0B,0D,0B,0D,07,0F,0F,06,0B,0D,07,0F,0D,0E,AF
710 DATA 0F,07,0F,0B,07,0B,0D,06,0F,0F,06,0F,0D,06,0F,AA
720 DATA 0F,0E,0F,0D,03,0D,0F,0B,0D,07,0B,0D,0B,0F,07,B0
730 DATA 03,0B,07,0F,0F,0F,0F,0F,00,00,00,00,00,00,60
740 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
750 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
760 DATA 00,00,00,00,00,00,00,00,00,00,00,30,30,30,60,60,150
770 DATA 92,C0,D2,A0,00,00,00,10,90,60,90,60,C1,C1,A0,6D6
780 DATA 00,10,60,C1,82,00,00,00,10,60,C1,A0,00,00,00,384
790 DATA 30,30,60,30,C1,90,C1,C1,A0,00,00,20,00,00,00,483
800 DATA 00,00,00,00,50,00,00,00,20,00,00,00,00,00,00,70
810 DATA 50,00,10,00,00,50,00,00,00,20,00,00,82,00,00,152
820 DATA 00,20,00,00,00,00,00,00,00,50,00,00,20,3F,3F,10E
830 DATA 3F,3F,3F,3F,3F,00,82,00,10,00,3F,3F,3F,3F,308
840 DATA 3F,00,82,10,15,3F,00,82,00,10,00,3F,2A,00,00,2A0
850 DATA 00,00,20,3F,3F,3F,3F,3F,3F,00,82,00,20,3A,2B5
860 DATA 3A,3A,3A,3A,3A,3A,2A,82,00,20,10,3A,3A,3A,3A,320
870 DATA 3A,3A,2A,40,10,10,3A,2A,40,00,20,10,3A,2A,20,256
880 DATA 00,00,00,2A,3A,3A,3A,3A,3A,3A,2A,40,00,20,24A
890 DATA 30,30,30,30,30,30,20,40,00,20,30,30,30,30,290
900 DATA 30,30,30,40,15,10,30,30,00,30,00,30,30,20,235
910 DATA 20,00,00,00,2A,30,30,30,30,30,30,30,40,00,20A
920 DATA 20,60,60,60,60,60,60,60,60,40,00,20,60,60,60,400
930 DATA 60,60,60,60,41,15,00,60,60,20,00,40,60,60,416
940 DATA 00,00,00,00,00,2A,60,60,60,60,60,60,60,40,3EA
950 DATA 00,2A,00,00,00,00,40,C0,C0,41,00,20,C0,C0,3CB
960 DATA C0,C0,00,00,C0,C0,40,00,2A,40,C0,C0,00,C0,6AA

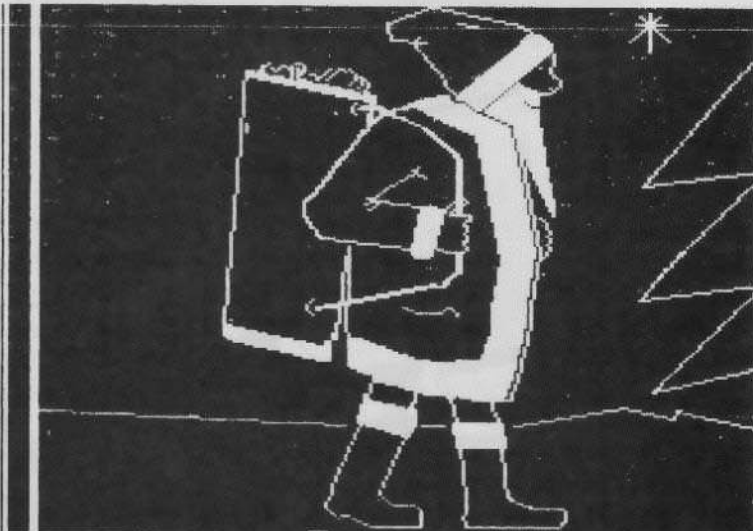
```





970 DATA 80,10,00,00,00,00,2A,00,00,00,00,00,00,C0,C0,23A
 980 DATA 40,00,30,30,30,30,30,20,C1,C1,10,00,20,41,373
 990 DATA C1,C1,C1,00,00,C1,C1,10,00,15,00,C1,C1,C1,76E
 1000 DATA C1,00,2A,00,00,00,00,3F,35,20,00,00,00,00,C1,240
 1010 DATA C1,10,00,20,00,00,40,00,00,20,C3,C3,40,00,10,327
 1020 DATA 00,41,C3,C3,C3,00,00,00,10,00,00,20,41,C3,C3,401
 1030 DATA C3,82,15,00,00,00,00,00,10,00,C3,C3,C3,C3,476
 1040 DATA C3,C3,10,00,2A,D2,D2,41,C2,60,20,D2,D2,40,00,6CB
 1050 DATA 00,30,00,D2,D2,D2,82,10,30,00,00,00,10,00,D2,4CA
 1060 DATA D2,D2,00,2A,00,00,00,00,00,00,20,50,D2,D2,D2,4B4
 1070 DATA D2,D2,D2,40,00,2A,F0,F0,00,00,00,50,F0,A0,40,6E0
 1080 DATA 00,10,30,20,50,F0,F0,F0,00,60,00,00,00,10,00,3F0
 1090 DATA F0,F0,F0,00,20,00,00,00,00,00,20,F0,F0,5E0
 1100 DATA A0,00,00,00,10,00,2A,CF,CF,CF,CF,CF,CF,CF,CF,8A,70D
 1110 DATA 30,00,20,00,00,00,CF,CF,CF,8A,00,82,00,00,20,3E9
 1120 DATA 45,CF,CF,CF,8A,10,00,00,00,00,00,20,CF,CF,50A
 1130 DATA CF,00,3F,30,3A,20,00,20,DB,DB,DB,DB,DB,DB,7B5
 1140 DATA 00,20,00,20,DB,DB,00,51,DB,DB,DB,8A,50,00,10,5C2
 1150 DATA 00,DB,DB,DB,DB,DB,00,82,00,00,00,00,20,00,4E9
 1160 DATA 00,00,10,00,00,00,00,00,2A,E7,E7,E7,E7,E7,5A4
 1170 DATA E7,00,90,00,20,E7,E7,00,00,E7,E7,E7,41,00,742
 1180 DATA 20,45,E7,E7,00,E7,E7,A2,50,00,00,00,00,30,30,553
 1190 DATA 30,60,60,C0,60,C0,C1,D2,00,2A,F3,F3,00,00,00,673
 1200 DATA F3,F3,A2,10,00,20,F3,F3,F3,F3,F3,F3,F3,40,A90
 1210 DATA 10,00,F3,F3,A2,00,51,F3,F3,00,A0,00,00,00,20,58F
 1220 DATA 00,00,00,00,00,00,00,00,41,00,2A,A6,A6,10,30,1F7
 1230 DATA 20,04,A6,A6,10,00,20,A6,A6,A6,A6,A6,A6,A6,6D0
 1240 DATA 10,10,04,A6,A6,00,30,00,A6,A6,A2,82,00,00,00,410
 1250 DATA 20,A6,A6,A6,A6,A6,A6,A6,A6,40,00,2A,59,59,40,6AC
 1260 DATA 00,10,00,59,59,10,00,2A,51,59,59,59,59,59,363
 1270 DATA 00,40,10,51,59,00,10,00,20,51,59,00,00,00,26C
 1280 DATA 00,2A,59,59,59,59,59,59,59,59,10,00,2A,0C,0C,344
 1290 DATA 40,00,00,2A,04,0C,10,00,15,00,0C,0C,0C,0C,DB
 1300 DATA 0C,00,20,15,04,0C,00,20,00,15,00,0C,00,20,00,BA
 1310 DATA 00,00,2A,0C,0C,0C,0C,0C,0C,0C,40,00,2A,00,F4
 1320 DATA 00,10,00,00,15,00,00,10,00,00,2A,00,00,00,00,5F
 1330 DATA 00,00,10,00,15,00,00,10,00,00,00,2A,00,00,20,7F
 1340 DATA 00,00,00,2A,00,00,00,00,00,00,00,10,00,3F,79
 1350 DATA 3F,30,6A,00,00,00,3F,35,30,00,00,15,3F,3A,3F,24A
 1360 DATA 30,3A,30,20,00,15,3F,35,20,00,00,00,15,3F,35,1EC
 1370 DATA 00,00,00,00,3F,3F,3A,3F,30,3A,30,30,30,00,2A1
 1380 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1390 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1400 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1410 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1420 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1430 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1440 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1450 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1460 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1470 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1480 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1490 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1500 DATA 00,00,00,00,00,00,00,A2,F3,A2,A2,00,00,00,A2,37B
 1510 DATA 51,F3,51,F3,51,F3,00,00,00,A2,51,51,51,F3,51,6A5
 1520 DATA F3,00,A2,51,F3,00,00,00,A2,00,00,51,F3,51,F3,603
 1530 DATA 51,F3,00,00,00,00,00,51,00,A2,A2,51,00,00,51,37B
 1540 DATA A2,51,51,51,51,51,51,00,00,51,51,51,F3,51,00,4BF
 1550 DATA 00,A2,51,51,51,51,00,00,51,51,00,00,51,51,51,37B

1560 DATA 51,51,51,00,00,00,00,00,10,00,20,00,10,00,00,133
 1570 DATA 00,20,10,10,10,10,10,00,00,10,10,10,10,10,D0
 1580 DATA 30,00,20,10,10,10,10,00,00,00,20,00,00,10,00,C0
 1590 DATA 10,10,10,00,00,00,00,00,00,10,00,20,00,10,00,70
 1600 DATA 00,00,20,10,30,10,30,10,10,00,00,10,30,10,10,120
 1610 DATA 00,10,00,20,10,30,10,20,00,00,00,20,20,00,10,F0
 1620 DATA 00,10,30,10,00,00,00,00,00,00,45,00,8A,8A,45,1EE
 1630 DATA 00,00,00,8A,00,45,00,45,45,45,00,00,45,45,45,26D
 1640 DATA 45,00,45,00,8A,45,45,45,45,00,00,45,45,00,00,2B2
 1650 DATA 45,45,45,00,45,45,00,00,00,00,00,00,8A,CF,8A,33C
 1660 DATA 8A,00,00,45,CF,45,CF,45,CF,45,CF,00,00,45,45,564
 1670 DATA 45,45,45,CF,00,8A,45,45,45,45,00,00,45,8A,8A,495
 1680 DATA 00,45,CF,45,00,45,CF,00,00,00,00,00,00,00,26D
 1690 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1700 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1710 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1720 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1730 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1740 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1750 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1760 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1770 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
 1780 DATA 00,00,C0,80,C0,80,00,00,80,80,40,00,C0,80,C0,5C0
 1790 DATA 80,C0,80,C0,80,00,00,40,00,00,00,80,80,00,00,440
 1800 DATA C0,80,40,00,80,80,C0,80,80,80,C0,80,C0,80,7C0
 1810 DATA 00,00,00,80,00,40,00,00,00,C0,80,80,80,80,400
 1820 DATA 40,00,40,00,80,80,00,00,80,80,00,00,C0,80,00,3C0
 1830 DATA 00,80,00,80,80,80,80,80,80,80,00,00,40,00,540
 1840 DATA 30,20,00,00,30,20,10,00,00,00,20,20,20,20,150
 1850 DATA 20,10,00,10,00,20,20,00,00,10,00,00,00,20,20,D0
 1860 DATA 00,00,30,00,20,20,20,20,20,20,20,30,00,10,170
 1870 DATA 00,00,20,00,00,00,20,10,00,30,20,20,20,30,20,130
 1880 DATA 30,00,10,00,10,00,20,20,00,00,10,10,00,00,20,D0
 1890 DATA 20,00,00,20,00,30,20,20,20,20,20,20,20,00,170
 1900 DATA 10,00,00,8A,45,00,00,8A,45,00,00,00,8A,8A,8A,34C
 1910 DATA 8A,8A,8A,45,00,45,00,8A,8A,00,00,8A,8A,00,00,450
 1920 DATA 8A,8A,45,00,8A,00,8A,8A,8A,8A,CF,8A,8A,8A,702
 1930 DATA 00,45,00,CF,8A,45,00,CF,8A,45,00,00,00,8A,8A,495
 1940 DATA 8A,8A,8A,8A,45,00,CF,8A,8A,8A,00,00,CF,45,00,5EE
 1950 DATA 00,8A,8A,45,00,8A,00,8A,8A,CF,8A,CF,8A,CF,8A,702
 1960 DATA CF,8A,45,00,00,00,00,00,00,00,00,00,00,00,19E





2.
B A S

```

10 ' DATAS du programme RSX2.T1
20 '
30 MODE 2:AD=&4000:NL=90
40 FOR A=1 TO 9:B=0:FOR C=1 TO 15:READ A$
50 POKE AD,VAL("&"&A$):B=B+PEEK(AD):AD=AD+1
60 NEXT:READ E$:IF VAL("&"&E$)>B THEN 80
70 NL=NL+10:NEXT:SAVE"RSX2.T1",B,&4000,&200:CLS:END
80 CLS:PRINT"LIGNE"NL;" INCORRECTE":END
90 DATA 00,30,C7,07,36,C7,07,3C,C7,07,42,C7,07,48,C7,52B
100 DATA 07,4E,C7,07,54,C7,07,5A,C7,07,60,C7,07,66,C7,5C8
110 DATA 07,6C,C7,07,72,C7,07,78,C7,07,D7,CE,08,37,D6,681
120 DATA 08,97,DD,08,F7,E4,08,57,EC,08,B7,F3,08,17,FB,776
130 DATA 08,C7,C2,08,27,CA,08,87,D1,08,E7,D8,08,47,E0,6E0
140 DATA 08,C1,CE,09,21,D6,09,81,DD,09,E1,E4,09,41,EC,702
150 DATA 09,A1,F3,09,01,FB,09,B1,C2,09,11,CA,09,71,D1,64D
160 DATA 09,D1,D8,09,31,E0,09,07,FB,07,0D,FB,07,01,FB,5E9
170 DATA 07,00,00,00,00,00,00,00,00,00,00,00,00,00,00,7

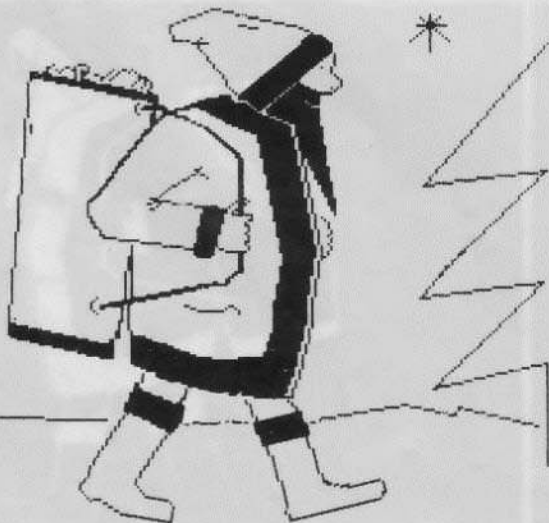
```

3.
B A S

```

10 ' DATAS du programme RSX2.TAS
20 '
30 MODE 2:AD=&9000:NL=90
40 FOR A=1 TO 3:B=0:FOR C=1 TO 15:READ A$
50 POKE AD,VAL("&"&A$):B=B+PEEK(AD):AD=AD+1
60 NEXT:READ E$:IF VAL("&"&E$)>B THEN 80
70 NL=NL+10:NEXT:SAVE"RSX2.TAS",B,&9000,&258:CLS:END
80 CLS:PRINT"LIGNE"NL;" INCORRECTE":END
90 DATA 00,00,06,0E,54,00,06,14,CC,00,06,14,44,81,06,3B3
100 DATA 14,BC,81,07,20,9C,82,05,11,F1,82,06,0C,39,83,4ED
110 DATA 06,0C,81,83,06,0C,C9,83,2E,28,00,00,00,00,00,2CA

```



4.
B A S

```

10 ' DATAS du programme RSX2.BIN
20 '
30 MODE 2:AD=&9700:NL=90
40 FOR A=1 TO 130:B=0:FOR C=1 TO 15:READ A$
50 POKE AD,VAL("&"&A$):B=B+PEEK(AD):AD=AD+1
60 NEXT:READ E$:IF VAL("&"&E$)>B THEN 80
70 NL=NL+10:NEXT:SAVE"RSX2.BIN",B,&9700,&790:CLS:END
80 CLS:PRINT"LIGNE"NL;" INCORRECTE":END
90 DATA 00,00,00,00,21,00,97,01,0E,97,CD,D1,BC,C9,28,4A9
100 DATA 97,C3,DF,99,C3,30,99,C3,28,98,C3,18,98,C3,EB,902
110 DATA 97,C3,BE,97,C3,89,97,C3,54,97,45,43,52,41,CE,029
120 DATA 53,50,52,49,54,C5,41,46,46,49,43,48,C5,45,46,548
130 DATA 46,41,43,C5,44,52,4F,49,54,C5,47,41,55,43,48,53E
140 DATA C5,48,41,55,D4,42,41,D3,00,FE,01,C0,CD,83,98,774
150 DATA CD,F8,98,FE,0A,C8,E5,CD,3B,98,CD,AE,98,E1,E5,A8B
160 DATA 23,23,23,23,5E,23,56,EB,D5,CD,26,BC,CD,26,BC,681
170 DATA D1,EB,2B,73,23,72,E1,CD,57,98,CD,8B,98,CD,D1,91A
180 DATA 98,C9,FE,01,C0,CD,83,98,CD,F8,98,FE,0A,C8,E5,A1A
190 DATA CD,3B,98,CD,AE,98,E1,E5,23,23,23,23,5E,23,56,6DC
200 DATA EB,D5,CD,29,BC,CD,29,BC,D1,EB,2B,73,23,72,E1,8F4
210 DATA CD,57,98,CD,8B,98,CD,D1,98,C9,FE,01,C0,CD,83,98A
220 DATA 98,CD,F8,98,FE,0A,C8,E5,CD,3B,98,CD,AE,98,E1,A3E
230 DATA E5,23,23,23,23,5E,23,56,00,1B,2B,73,23,72,E1,477
240 DATA CD,57,98,CD,8B,98,CD,D1,98,C9,FE,01,C0,CD,83,98A
250 DATA 98,CD,F8,98,FE,0A,C8,E5,CD,3B,98,CD,AE,98,E1,A3E
260 DATA E5,23,23,23,23,5E,23,56,00,13,2B,73,23,72,E1,46F
270 DATA CD,57,98,CD,8B,98,CD,D1,98,C9,FE,01,C0,CD,F8,A2F
280 DATA 98,FE,0A,C8,CD,3B,98,CD,AE,98,C9,FE,01,C0,CD,970
290 DATA F8,98,FE,0A,C8,CD,57,98,CD,8B,98,CD,D1,98,C9,A0B
300 DATA 23,23,7E,32,BA,98,23,7E,32,B5,98,23,5E,23,56,562
310 DATA ED,53,AF,98,23,5E,23,56,ED,53,B2,98,C9,5E,23,755
320 DATA 56,ED,53,D5,98,23,7E,32,DD,98,32,97,98,23,7E,74D
330 DATA 32,D8,98,32,92,98,23,5E,23,56,ED,53,D2,98,ED,78F
340 DATA 53,8C,98,23,5E,23,56,ED,53,8F,98,C9,06,F5,ED,789
350 DATA 78,1F,30,FB,C9,21,00,C0,11,00,90,06,07,F3,C5,5D2
360 DATA E5,06,50,7E,12,23,13,10,FA,E1,7C,C6,08,67,30,5CD
370 DATA 04,01,50,C0,09,C1,10,E8,FB,C9,21,00,C0,11,00,58D
380 DATA 00,06,07,F3,C5,E5,06,50,1A,77,23,13,10,FA,E1,642
390 DATA 7C,C6,08,67,30,04,01,50,C0,09,C1,10,E8,FB,C9,67C
400 DATA 21,00,C0,11,00,90,06,07,F3,C5,E5,06,50,1A,F6,592
410 DATA 00,28,01,77,23,13,10,F6,E1,7C,C6,08,67,30,04,4A2
420 DATA 01,50,C0,09,C1,10,E4,FB,C9,DD,7E,00,01,08,00,5F7
430 DATA FE,01,21,3C,9E,28,2A,FE,02,09,28,25,FE,03,09,4AC
440 DATA 28,20,FE,04,09,28,1B,FE,05,09,28,16,FE,06,09,3ED
450 DATA 28,11,FE,07,09,28,0C,FE,08,09,28,07,FE,09,09,3C9
460 DATA 28,02,3E,0A,C9,FE,05,C0,DD,7E,08,FE,01,28,21,5A9
470 DATA FE,02,28,23,FE,03,28,25,FE,04,28,27,FE,05,28,515
480 DATA 29,FE,06,28,2B,FE,07,28,2D,FE,08,28,2F,FE,09,53E
490 DATA 28,31,C9,21,3C,9E,C3,91,99,21,44,9E,C3,91,99,6FA
500 DATA 21,4C,9E,C3,91,99,21,54,9E,C3,91,99,21,5C,9E,713
510 DATA C3,91,99,21,64,9E,C3,91,99,21,6C,9E,C3,91,99,815
520 DATA 21,74,9E,C3,91,99,21,7C,9E,C3,91,99,E5,DD,7E,888
530 DATA 06,47,21,FC,A3,11,04,00,19,10,FD,54,5D,E1,1A,4F4

```




```

540 DATA 77, 23, 13, 1A, 77, 23, 13, 1A, 77, 23, 13, 1A, 77, 23, EB, 3DA
550 DATA DD, 4E, 04, 0D, DD, 46, 02, 05, 21, 00, C0, 78, FE, 00, 28, 4E5
560 DATA 0B, C5, D5, CD, 26, BC, D1, C1, 10, F7, 06, 00, 09, 7D, 12, 68B
570 DATA 7C, 13, 12, EB, 23, DD, 7E, 00, 77, 23, DD, 7E, 01, 77, C9, 640
580 DATA FE, 01, C0, DD, 7E, 00, 21, 00, 95, CD, 31, 9E, FE, 01, 28, 693
590 DATA 3C, FE, 02, 28, 56, FE, 03, CA, 79, 9A, FE, 04, CA, AC, 9A, 7AA
600 DATA FE, 05, CA, DF, 9A, FE, 06, CA, 42, 9B, FE, 07, CA, 9B, 9B, 8F6
610 DATA FE, 08, CA, 55, 9B, FE, 09, CA, 19, 9C, FE, 0A, CA, 67, 9C, 81B
620 DATA FE, 0B, CA, 41, 9C, FE, 0C, CA, 10, 9D, FE, 0D, CA, E8, 9C, 88A
630 DATA C9, CD, 12, 9E, C3, A7, 9D, CD, 91, 9D, CD, 2B, 9A, 21, 00, 7FB
640 DATA C0, 11, 00, 40, 01, 00, 40, ED, B0, CD, 12, 9E, CD, 9C, 9D, 672
650 DATA C9, CD, 31, 9A, 21, 00, C0, 11, 00, 40, 06, C8, C5, E5, D5, 6E0
660 DATA 06, 50, 1A, 77, 23, 13, 10, FA, 76, 76, 76, D1, E1, 7A, C6, 67B
670 DATA 08, 57, 7C, C6, 08, 67, 30, 07, 01, 50, C0, 09, EB, 09, EB, 540
680 DATA C1, 10, DC, C9, CD, 31, 9A, 21, 00, C0, 11, 00, 40, 06, 50, 596
690 DATA C5, D5, E5, 06, C8, 1A, 77, 7A, C6, 08, 57, 7C, C6, 08, 67, 72E
700 DATA 30, 09, C5, 01, 50, C0, 09, EB, 09, EB, C1, 10, E9, 76, 76, 89D
710 DATA 76, 76, E1, D1, C1, 23, 13, 10, D9, C9, CD, 31, 9A, 21, 4F, 74F
720 DATA C0, 11, 4F, 40, 06, 50, C5, E5, D5, 06, C8, 1A, 77, 7A, C6, 6D4
730 DATA 08, 57, 7C, C6, 08, 67, 30, 09, C5, 01, 50, C0, 09, EB, 09, 51C
740 DATA EB, C1, 10, E9, 76, 76, 76, D1, E1, C1, 2B, 1B, 10, D9, 81F
750 DATA C9, CD, 31, 9A, 21, 00, C0, 11, 00, 40, 06, 50, C5, E5, D5, 668
760 DATA 06, 64, 1A, 77, 7A, C6, 10, 57, 7C, C6, 10, 67, 30, 09, C5, 559
770 DATA 01, 50, C0, 09, EB, 09, EB, C1, 10, E9, D1, E1, C1, 76, 76, 812
780 DATA 76, 76, 23, 13, 10, D9, 00, 21, 4F, C8, 11, 4F, 40, 06, 50, 441
790 DATA C5, E5, D5, 06, 64, 1A, 77, 7A, C6, 10, 57, 7C, C6, 10, 67, 6DA
800 DATA 30, 09, C5, 01, 50, C0, 09, EB, 09, EB, C1, 10, E9, 76, 76, 89D
810 DATA 76, 76, D1, E1, C1, 2B, 1B, 10, D9, C9, CD, 31, 9A, 3E, C9, 7F6
820 DATA 32, 11, 9B, CD, 12, 9B, CD, E2, 9A, AF, 32, 11, 9B, C9, CD, 7C4
830 DATA 31, 9A, 21, 29, C0, 22, 84, 9E, 21, 28, C0, 22, 86, 9E, 21, 589
840 DATA 29, 40, 22, 8A, 9E, 21, 28, 40, 22, 88, 9E, CD, 8F, 9B, 06, 581
850 DATA 28, C5, 2A, 84, 9E, 2B, 22, 84, 9E, CD, F6, 9B, 76, 2A, 86, 72C
860 DATA 9E, 23, 22, 86, 9E, CD, D3, 9B, 76, C1, 10, E6, 06, 00, 21, 69E
870 DATA 00, C0, 11, 00, 40, C3, DE, 9B, C9, CD, 31, 9A, 21, FF, BF, 78D
880 DATA 22, 84, 9E, 21, 50, C0, 22, 86, 9E, 21, FF, 3F, 22, 88, 9E, 662
890 DATA 21, 50, 40, 22, 8A, 9E, 06, 28, C5, 2A, 84, 9E, 23, 22, 84, 503
900 DATA 9E, CD, D3, 9B, 76, 2A, 86, 9E, 2B, 22, 86, 9E, CD, F6, 9B, 86C
910 DATA 76, C1, 10, E6, C9, ED, 5B, 88, 9E, 13, ED, 53, 88, 9E, 06, 7E3
920 DATA C8, C5, 1A, 77, 7A, C6, 08, 57, 7C, C6, 08, 67, 30, 07, 01, 5A6
930 DATA 50, C0, 09, EB, 09, EB, C1, 10, E9, C9, ED, 5B, 8A, 9E, 1B, 806
940 DATA ED, 53, 8A, 9E, 06, C8, C5, 1A, 77, 7A, C6, 08, 57, 7C, C6, 76D
950 DATA 08, 67, 30, 07, 01, 50, C0, 09, EB, 09, EB, C1, 10, E9, C9, 622
960 DATA CD, 31, 9A, CD, 91, 9D, 21, 00, 40, 11, 00, C0, 01, 00, 40, 506
970 DATA ED, B0, 3E, 01, 01, 01, BC, ED, 49, 04, ED, 79, 76, 76, 76, 69C
980 DATA 76, 76, 76, 05, 3C, FE, 29, C8, 18, EE, CD, 31, 9A, 21, 28, 679
990 DATA C0, 22, 84, 9E, 11, 28, 40, ED, 53, 86, 9E, CD, DF, 9C, 21, 74A
1000 DATA 00, FF, 22, 88, 9E, 11, 80, 7F, ED, 53, 8A, 9E, CD, DF, 9C, 887
1010 DATA C3, 8A, 9C, CD, 31, 9A, 21, 00, C0, 22, 84, 9E, 11, 00, 40, 5F7
1020 DATA ED, 53, 86, 9E, CD, DF, 9C, 21, A8, FF, 22, 88, 9E, 11, A8, 875
1030 DATA 7F, ED, 53, 8A, 9E, CD, DF, 9C, 06, C7, C5, 2A, 84, 9E, ED, 8FA
1040 DATA 5B, 86, 9E, 7A, C6, 08, 57, 7C, C6, 08, 67, 30, 09, C5, 01, 5CE
1050 DATA 50, C0, 09, EB, 09, EB, C1, 22, 84, 9E, ED, 53, 86, 9E, CD, 82E
1060 DATA DF, 9C, 76, 2A, 88, 9E, ED, 5B, 8A, 9E, 7A, D6, 08, 57, 7C, 7DC
1070 DATA D6, 08, 67, E6, 38, FE, 38, 20, 09, C5, 01, B0, 3F, 09, EB, 66B
1080 DATA 09, EB, C1, 22, 88, 9E, ED, 53, 8A, 9E, CD, DF, 9C, 76, C1, 8E4
1090 DATA 10, AE, C9, 06, 28, 1A, 77, 23, 13, 10, FA, C9, CD, 31, 9A, 5E7
1100 DATA 21, 80, FF, 22, 84, 9E, 11, 80, 7F, ED, 53, 86, 9E, CD, 88, 7AD
1110 DATA 9D, 21, 00, C0, 22, 88, 9E, 11, 00, 40, ED, 53, 8A, 9E, CD, 64C
1120 DATA 88, 9D, 06, 63, C3, 35, 9D, CD, 31, 9A, 21, C0, DB, 22, 84, 71D

```

```

1130 DATA 9E, 11, C0, 5B, ED, 53, 86, 9E, CD, 88, 9D, 21, C0, E3, 22, 806
1140 DATA 88, 9E, 11, C0, 63, ED, 53, 8A, 9E, CD, 88, 9D, 06, 63, C5, 7E2
1150 DATA 2A, 84, 9E, ED, 5B, 86, 9E, 7A, D6, 08, 57, 7C, D6, 08, 67, 728
1160 DATA E6, 38, FE, 38, 20, 09, C5, 01, B0, 3F, 09, EB, 09, EB, C1, 6DB
1170 DATA 22, 84, 9E, ED, 53, 86, 9E, CD, 88, 9D, 76, 2A, 88, 9E, ED, 84D
1180 DATA 5B, 8A, 9E, 7A, C6, 08, 57, 7C, C6, 08, 67, 30, 09, C5, 01, 5D2
1190 DATA 50, C0, 09, EB, 09, EB, C1, 22, 88, 9E, ED, 53, 8A, 9E, CD, 836
1200 DATA 88, 9D, 76, C1, 10, AE, C9, 06, 50, 1A, 77, 23, 13, 10, FA, 60A
1210 DATA C9, 01, 01, BC, ED, 49, 3E, 00, 04, ED, 79, C9, 01, 01, BC, 5EC
1220 DATA ED, 49, 3E, 28, 04, ED, 79, C9, ED, 5B, 3A, 9E, 1A, CD, 0E, 6E4
1230 DATA BC, 2A, 3A, 9E, 23, 22, 3A, 9E, ED, 5B, 3A, 9E, 13, 1A, FE, 626
1240 DATA 00, CA, F5, 9D, 1B, 1A, 32, F7, 9D, 13, 1A, 32, F8, 9D, 13, 65E
1250 DATA 1A, 13, ED, 53, 3A, 9E, 21, FC, A3, 11, 04, 00, 47, 19, 10, 48A
1260 DATA FD, 7E, 32, FA, 9D, 23, 7E, 32, FB, 9D, 23, 7E, 32, FD, 9D, 81C
1270 DATA 23, 7E, 32, FE, 9D, CD, F6, 9D, C3, B6, 9D, C9, 21, 00, C0, 88E
1280 DATA 11, 00, 30, 01, 02, 08, F3, C5, 41, E5, 1A, 77, 13, 23, 10, 401
1290 DATA FA, E1, CD, 26, BC, C1, 10, F0, FB, C9, C5, E5, D5, 21, 00, 9AF
1300 DATA C0, 06, C8, 0E, 50, F3, C5, 41, E5, 36, 00, 23, 10, FB, E1, 70F
1310 DATA CD, 26, BC, C1, 10, F1, FB, D1, E1, C1, C9, 22, 3A, 9E, 22, 8C4
1320 DATA 38, 9E, C9, 00, 95, 00, 95, 00, 00, 00, 00, 00, 00, 00, 2C9
1330 DATA 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 0
1340 DATA 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 0
1350 DATA 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 0
1360 DATA 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 0
1370 DATA 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 45, 4C, 4F, E0
1380 DATA 47, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 00, 47

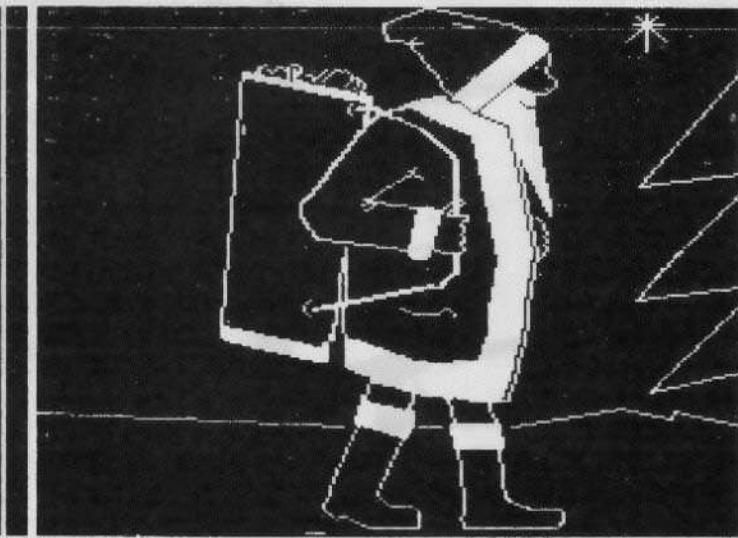
```

AMELIOR.
B A S

```

1 ' amelioration de la ligne 120 du RELOGEUR (No46 - JU >FA
IN 1990)
2 ' >FB
120 longueur=1:CALL &BB00:CALL &BB06:CAT:INPUT"Nom de la >BH
table a reactualiser : ",a$:b$=a$:a$=a$+".tas":LOAD a$
,&9000:INPUT"Nouvelle adresse d'implantation des sprite
s (en decimal) : ",nad:ad=PEEK(&9000)+256*PEEK(&9001):e
cart=nad-ad:pek=&9000

```





DEMO.

B A S

```

10 ' DEMO des RSX2 de MOTYF >LA
20 ' (c). 1990 AMSTAR & CPC >LB
30 ' S.ST-MARTIN & M.FAUQUET >LC
40 ' >LD
50 MODE 0:BORDER 0:FOR I=0 TO 15:READ A:INK I,A:NEXT >VZ
60 DATA 0,14,15,18,5,26,25,0,6,23,3,4,9,8,1,24 >LA
70 MEMORY &2FFF:LOAD"rsx2.spr",&0000:LOAD"rsx2.tas",&A4 >ZR
00:LOAD"rsx2.bin",&9700:LOAD"rsx2.t1",&9500:CALL &9700:
e=1
80 I:ECRAN,e:SPRITE,1,10,1,1,&3000:AFFICHE,1 >RZ
90 I:SPRITE,1,6,40,150,&2000:AFFICHE,1:SPRITE,1,6,40,1 >DK
00,&2000:AFFICHE,1:SPRITE,2,1,20,172,&2000:AFFICHE,2
:SPRITE,1,2,1,165,&2200:AFFICHE,1:CALL &BB06:IEFFACE,
1:ad=PEEK(&39)+256*PEEK(&3A)
100 POKE ad,&C9:SPRITE,1,2,1,165,&2200:AFFICHE,1:FOR >BX
i=1 TO 20:DROITE,1:NEXT i:SPRITE,3,5,20,153,&2400:IEF
FACE,1:IEFFACE,2:AFFICHE,3:FOR i=1 TO 21:DROITE,3:NEX
T i:FOR i=1 TO 39:HAUT,3:NEXT i
110 I:SPRITE,1,1,41,90,&2000:SPRITE,2,2,41,71,&2200:IEF >UM
FACE,3:AFFICHE,1:AFFICHE,2:FOR i=1 TO 6:DROITE,2:HA
UT,2:IBAS,1:NEXT i:FOR i=1 TO 20:DROITE,2:IBAS,1:NEXT
i:FOR i=1 TO 15:IBAS,1:IBAS,2:NEXT i:FOR i=1 TO 30:IBAS
,2
120 NEXT i:FOR i=1 TO 9:DROITE,2:NEXT i:IEFFACE,2:POKE >HK
ad,&F3:e=e+1:IF e=14 THEN e=1 ELSE GOTO 80
130 GOTO 80 >RJ

```



RELOGE2.

B A S

```

10 ' RELOGE2 de MOTYF >LA
20 ' (c) 1990 AMSTAR & CPC >LB
30 ' S.ST-MARTIN & M.FAUQUET >LC
40 ' >LD
50 MODE 2:INK 1,26:INK 0,0:BORDER 0 >BD
60 PRINT"RELOGE2 de MOTYF (c) 1990 AMSTAR & CPC":PRINT" >PG
Charger avant l'utilisation de cet utilitaire":PRINT"le
fichier des nouvelles RSX en &9700":CALL &BB06:CALL &B
B06
70 PRINT:PRINT:INPUT"Nouvelle adresse du fichier des sp >HJ
rites :",a
80 a1=PEEK(&9A3B)+256*PEEK(&9A3C) >AP
90 a=a-a1-&4000:x=&9A3B:GOSUB 130:x=&9A50:GOSUB 130:x=& >YD
9A80:GOSUB 130:x=&9AE6:GOSUB 130:x=&9B95:GOSUB 130:x=&9
C20:GOSUB 130:x=&9C71:GOSUB 130:x=&9D02:GOSUB 130:x=&9A
B3:GOSUB 130:x=&9B16:GOSUB 130:x=&9BAB:GOSUB 130:x=&9BB
1:GOSUB 130:x=&9B65:GOSUB 130:x=&9B
100 x=&9C4B:GOSUB 130:x=&9C5B:GOSUB 130:x=&9CF2:GOSUB 1 >RL
30:x=&9C81:GOSUB 130:x=&9D2A:GOSUB 130:x=&9D1A:GOSUB 13
0:PRINT "Desirez-vous sauvegarder le fichier modifie ?"
110 IF INKEY(34)=0 THEN SAVE"rsx2.bin",b,&9700,&790:END >LX
ELSE 120
120 IF INKEY(46)=0 THEN END ELSE 110 >BP
130 x1=PEEK(x)+256*PEEK(x+1):x1=x1+a:b=INT(x1/256):c=x1 >JY
-256*b
140 IF b>256 THEN b=b-256 >RN
150 POKE x,c:POKE x+1,b:RETURN >ZG

```

SEPAR.

B A S

```

10 ' SEPARATEUR DE TABLEUX >LA
20 ' (c) 1990 AMSTAR & CPC >LB
30 ' S.ST-MARTIN & M.FAUQUET >LC
40 ' >LD
50 MODE 2:INK 1,26:INK 0,0:BORDER 0:MEMORY &3FFF >QP
60 PRINT"SEPARATEUR DE TABLEUX de MOTYF (C) 1990 AMSTA >FF
R & CPC":LOCATE 1,5:PRINT"Cet utilitaire vous permettra
de separer le fichier":PRINT"global des tableaux en pe
tits fichiers representant un tableau chacun."
70 LOCATE 1,9:PRINT" Insérer une disquette et press >ZK
er une touche":CALL &BB06:CALL &BB06:CAT
80 PRINT:INPUT"Nom du fichier contenant les tableaux :" >WA
,a#
90 b#=a#+".tab":LOAD b#,&4000:x=&4000 >DQ
100 PRINT"Insérer la disquette pour la sauvegarde":CALL >NK
&BB06:CALL &BB06
110 FOR i=1 TO 13:b#=STR$(i):c#=a#+".T"+RIGHT$(b#,LEN(b >ED
$)-1)
120 SAVE c#,b,x,512:x=x+512:NEXT i:GOTO 50 >KX

```