

# CASTEL-ROBOT

LISTING

Pour continuer sur la lancée des programmes cent pour cent frappés, voici un petit jeu mi-arcade, mi-aventures. Il est d'aventures par son scénario, et d'arcade par ses déplacements. Un petit robot du genre D2-R2 doit récupérer le calice d'or caché dans une forteresse à neuf niveaux. Mais, pour ouvrir la porte donnant accès à ce calice, il se doit de ramasser tous les objets éparpillés dans toutes les pièces. A vous de dépanner ce tas de ferraille bien sympathique. Tapez le programme Basic, et sauvez à sa suite le programme généré par le créateur Basic. May the force be forever with you my friend.

Sined le métallique



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10 'Castel-robot (c) 1988 LOMAX
20 'init. Debut de programme
30 GOSUB 3310:MODE 0:PAPER 0:PRINT CHR$(22)CHR$(0)
40 DEFINT 0-z:DEFREAL s:SPEED INK 5,5
50 BORDER 0:RESTORE 60:FOR k=0 TO 13:REA
D c:INK k,c:NEXT:INK 14,6,2:INK 15,20
60 DATA 0,26,13,6,3,15,12,1,1,1,2,9,18,25
70 'BCOL.0
80 ENT 1,20,8,5,10,-1,2:ENT 2,50,20,10:ENT
NT 3,10,5,5,10,-3,8,30,16,1

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90 ENV 1,10,-9,20,1,-1,-1:ENV 2,25,-2,2:E
NV 3,14,30,15
100 ECRAN=60:CALICE=ECRAN+227:PORTE=E
CRAN+243
110 DEF FNscr(xr,yr1)=PEEK(ECRAN+(xr+(yr
1+13)):DEF FNadrESS(lev)=ECRAN+(lev*130
)
120 WINDOW#1,2,14,3,22:PAPER#1,0
130 'Definition tableau records
140 RESTORE 150:s=25000:FOR n=1 TO 10:RE
AD n:m$(n):s$(n)=SOUND 2:INKEY NEXT
150 DATA JACK,HERVE,MARIE,YVES,GILBERT,R
AYMOND,CLAUDIE,GERARD,JEAN,MICHEL
160 GOSUB 1730
170 'Debut jeu
180 FOR n=0 TO 4:IPUT.SPRITE,112+n*8,135
7:NEXT n
190 sc=0:sc1=0:item=28:item1=0:exit=0:lives=5:sr=6:evnt=20
200 GOSUB 990
210 FOR f=0 TO 8:niv(f)=0:NEXT
220 RANDOMIZE TIME
230 lev=INT(RND*9)
240 xr=INT(RND*12)+1:yr=INT(RND*5)+4
250 IF FNscr(xr,yr1+lev*10)<5 OR ((xr=6
OR yr=7 OR xr=8) AND lev=1) THEN 240
260 yr=yr+lev*10
270 GOSUB 1450
280 dead=0
290 GOSUB 730:GOSUB 760:IF lev MOD 2 THE
N GOSUB 790
300 EVERY event,3 GOSUB 1030:IF lev MOD
2 THEN EVERY event,2 GOSUB 1180
310 k1=INKEY(0)=0 OR JOY(0)=1:k2=INKEY(2
)=0 OR JOY(2)=1:k3=INKEY(1)=0 OR JOY(1)=
0:k4=INKEY(8)=0 OR JOY(8)=4
320 IF k1 AND yr1>0 AND FNscr(xr,yr1-1)>
4 THEN GOSUB 850
330 IF k2 AND yr1<10*(lev+1) AND FNscr(x
r,yr1+1)>4 THEN GOSUB 820
340 IF k3 AND xr<12 AND FNscr(xr+1,yr1)>
4 THEN GOSUB 740:k3=INKEY(1):sr=8:GOSUB 730
350 IF k4 AND xr>0 AND FNscr(xr-1,yr1)>4
THEN GOSUB 740:kr=xr-1:sr=7:GOSUB 730
360 IF (yr=ym AND xr=xm) OR (yr=yz AND x
r=xz AND lev MOD 2) THEN dead=1
370 IF INKEY(7)=0 THEN f=REMAIN(2):f1=
REMAIN(3):GOSUB 3230:CALL &BB06:EVERY ev
ent,3 GOSUB 1030:IF lev MOD 2 THEN EVERY
event,2 GOSUB 1180
380 GOSUB 910
390 IF dead THEN f=REMAIN(2):f1=REMAIN(3
):FOR n=10 TO 200 STEP 20:FOR m=1 TO 15:
SOUND n,m,1,5:NEXT:NEXT:GOTO 500
400 IF item1=item THEN 430
410 GOTO 310
420 'fin de partie
430 f=REMAIN(2):f1=REMAIN(3)
440 FOR n=10 TO 100 STEP 10:FOR m=1 TO 7:
SOUND n,m,1,5:NEXT:NEXT
450 bonus=lives+5000+(2500 AND NOT (lev
MOD 2))
460 sc=sc+bonus:GOSUB 990
470 FOR f=0 TO 200 STEP -8
480 MOVE 48+(32*k),f:PRINT a$
490 'il est mort le robot
500 lives=lives-1:niv(lev)=0
510 SHAPE,14,lives,8,2
520 RESTORE 3360:FOR f=0 TO 10:READ n,d:
SOUND 33,n/2,d/2,0,3:SOUND 12,n,d/3,0,3:
NEXT
530 IF lives>0 THEN 710
540 IF SQ(I)*>4 THEN 530
550 'Sans commentaires
560 ms="GAME-OVER"
570 GRAPHICS.PAPER,0:GRAPHICS.PEN,14
580 'BCOL,1
590 TAG
600 FOR k=1 TO LEN(ms):a$=MID$(ms,k,1)
610 FOR f=340 TO 200 STEP -8
620 MOVE 48+(32*k),f:PRINT a$
630 FOR t=1 TO 5:NEXT
640 MOVE 48+(32*k),f:PRINT a$
650 NEXT
660 TAGOFF:LOCATE k+3,14:PRINT CH
R$(22)CHR$(1):IATTRB,ea$,0:PRINT CHR$(2
)CHR$(0)
670 SOUND 2,0,12,0,2,1:TAG:NEXT:TAGOFF
680 'BCOL,2490
690 GOTO 160
700 GOTO 160
710 FOR f=0 TO 1000:NEXT:GOTO 270
720 'Sprite du ROBOT
730 IPUT.SPRITE,(xr+1)*8,183-(yr*16),
s:SOUND 2,50,10,13,0,1:1:RETURN
740 'Sprite de l'ARAINGNE
750 'Sprite de l'ARAINGNE
760 IPUT.SPRITE,(xm+1)*8,183-(ym*16),sm:
RETURN
770 'SPRITE.OFF,sm:RETURN
780 'Sprite du GARDE
790 IPUT.SPRITE,(xz+1)*8,183-(yz*16),sz:
RETURN

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800 'SPRITE.OFF,sz:RETURN
810 'Vers le HAUT
820 GOSUB 740:yr=yr+1:yr1=yr1+1:sr=6
830 IF yr>9 AND lev<9 THEN f=REMAIN(2):f
1=REMAIN(3):lev=lev+1:yr=0:SOUND 2,2000,
40,0,1,1:GOSUB 1450:GOSUB 760:EVERY ev
ent,3 GOSUB 1030:IF lev MOD 2 THEN GOSUB 7
90:EVERY event,2 GOSUB 1180
840 GOTO 730
850 GOSUB 740
860 'Vers le BAS
870 yr=yr-1:yr1=yr1-1:sr=6
880 IF yr<0 AND lev>0 THEN f=REMAIN(2):f
1=REMAIN(3):lev=lev-1:yr=9:SOUND 2,2000,
40,0,1,1:GOSUB 1450:GOSUB 760:EVERY ev
ent,3 GOSUB 1030:IF lev MOD 2 THEN GOSUB 7
90:EVERY event,2 GOSUB 1180
890 GOTO 730
900 'Trouve objet ?
910 IF FNscr(xr,yr1)<17 OR FNscr(xr,yr1)
>20 THEN 970
920 SHAPE,xr+1,(yr*2)+2,5:GOSUB 730
930 POKE ECRAN+(xr+(yr1+13)),5:sc=sc+500
940 sc=sc+1:FOR n=1 TO 6:SOUND 2,50*n,1,5
:NEXT
940 IF sc1>19 AND lives<6 THEN GOSUB 740
950 IF sc1=19 AND lives<6 THEN GOSUB 740
960 item1=item+1
970 IF item1=item-1 AND exit=0 THEN POKE
PORTE,5:SOUND 5,120,0,0,3,3:exit=1:PEN
14:IF lev=1 THEN ISHAPE,10,18,5
980 RETURN
990 sc$=STR$(sc):scf=RIGHT$(sc$,LEN(sc$)-
1)
1000 scf=LEFT$("000000" & LEN(sc$))+scf
1010 GRAPHICS.PAPER,4:GRAPHICS.PEN,15:
MOVE 448,342:TAG:PRINT sc$:IATTRB,ea$,0:
PER,0:TAGOFF:RETURN
1020 'Gestion de l'Araingne
1030 w=RND*5:IF w=0 THEN 1080
1040 IF xm>0 AND xm<xr AND FNscr(xm-1,ym
1)>4 AND xz<xm-1 AND yz<ym THEN GOSUB
770:xm=xm-1:sm=12:GOSUB 760:GOTO 1150
1050 IF xm<12 AND xm<xr AND FNscr(xm+1,y
m1)>4 AND xz<xm+1 AND yz<ym THEN GOSUB
770:xm=xm+1:sm=11:GOSUB 760:GOTO 1150
1060 IF ym>0 AND ym<yr AND FNscr(xm,ym1
1)>4 AND xz<xm AND yz<ym-1 THEN GOSUB
770:GOTO 1150
1070 IF ym<9 AND ym<yr AND FNscr(xm,ym1+
1)>4 AND xz<xm AND yz<ym+1 THEN GOSUB
770:GOTO 1150
1080 IF (1 AND (RND*20)>10) THEN rdx=(1
OR (RND*10)>5):rdy=0 ELSE rdx=0:rdy=(1 OR
(RND*10)>5)
1090 IF ym+rdy>9 OR ym+rdy<0 THEN 1150
1100 IF (ym+rdy)>9 AND xm+rdx>12 OR FNscr
(xm+rdx,ym+rdy)<5 THEN 1150
1110 GOSUB 770
1120 IF rdx=1 THEN sm=11 ELSE IF rdx=-1
THEN sm=12
1130 IF rdy=1 THEN sm=9 ELSE IF rdy=-1 T
HEN sm=10
1140 xm=rdx+xm:ym=rdy+ym:ym1=rdy+ym1:GOS
UB 760
1150 IF ym=yr AND xm=xr THEN dead=1
1160 RETURN
1170 'Gestion du Garde
1180 w=RND*5:IF w=1 THEN 1230
1190 IF xz<0 AND xz>xr AND FNscr(xz-1,yz
1)>4 AND xz-1<xm AND yz<ym THEN GOSUB
800:xz=xz-1:sz=16:GOSUB 790:GOTO 1300
1200 IF xz<12 AND xz<xr AND FNscr(xz+1,y
z1)>4 AND xz+1<xm AND yz<ym THEN GOSUB
800:xz=xz+1:sz=15:GOSUB 790:GOTO 1300
1210 IF yz>0 AND yz<yr AND FNscr(xz,yz1
1)>4 AND xz<xm AND yz-1<ym THEN GOSUB
1350:GOTO 1300
1220 IF yz<9 AND yz<yr AND FNscr(xz,yz1+
1)>4 AND xz<xm AND yz+1<ym THEN GOSUB
1350:GOTO 1300
1230 IF (1 AND (RND*20)>10) THEN rdx=(1
OR (RND*10)>5):rdy=0 ELSE rdx=0:rdy=(1 OR
(RND*10)>5)
1240 IF yz+rdy>9 OR yz+rdy<0 THEN 1300
1250 IF (ym+rdy)>9 AND xm+rdx>12 OR FNscr
(xm+rdx,ym+rdy)<5 THEN 1300
1260 GOSUB 800
1270 IF rdx=1 THEN sz=15 ELSE IF rdx=-1
THEN sz=16
1280 IF rdy=1 THEN sz=13 ELSE IF rdy=-1
THEN sz=14
1290 sz=rdx+xz:yz=rdy+yz:yz1=rdy+yz1:GOS
UB 790
1300 IF yz=yr AND xz=xr THEN dead=1
1310 RETURN
1320 GOSUB 800:yz=yz+1:yz1=yz1+1:sz=13
1330 IF yz>9 THEN yz=9:yz1=9
1340 GOTO 1300
1350 GOSUB 800:yz=yz-1:yz1=yz1-1:sz=14
1360 IF yz<0 THEN yz=0:yz1=yz1-1
1370 GOTO 790

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1380 GOSUB 770:ym=ym+1:ym1=ym1+1:sm=9
1390 IF ym>9 THEN ym=9:ym1=ym1-1
1400 GOTO 760
1410 GOSUB 770:ym=ym-1:ym1=ym1-1:sm=10
1420 IF ym<0 THEN ym=0:ym1=ym1+1
1430 GOSUB 760:RETURN
1440 'Changement de niveau
1450 d=lev:FOR k=1 TO 15:INK k,0:NEXT
1460 INK 12,6,20:PEN 12:LOCATE 4,11:PRIN
T"NIVEAU:";lev+1:PEN 1
1470 IF niv(lev) THEN 1590 ELSE niv(lev)
=1
1480 adr=FNadrESS(lev)
1490 item2=3:FOR k=adr TO adr+129:IF PEE
K(k)=17 OR PEEK(k)=18 OR PEEK(k)=20 THEN
POKE k,5:item2=item2-1
1500 NEXT
1510 IF dead THEN item1=item1-item2
1520 FOR p=1 TO 3
1530 xi=INT(RND*10)+1:yi=INT(RND*5)+4
1540 IF FNscr(xi,yi+adr)<5 OR ((xi=6 OR x
i=7 OR yi=8) AND lev=1) OR (xi=xr AND yi
=yr) THEN 1530
1550 it=INT(RND*4):si=17+(it AND it<>2):
IF si=17 THEN 1550 ELSE si=si
1560 POKE ECRAN+(xi+(yi+adr)*13),si
1570 NEXT
1580 IF lev=1 AND PEEK(PORTE)<4 THEN PO
KE PORTE,4:POKE CALICE,19:exit=0:IPUT.SP
RITE,133,59,4
1590 xm=INT(RND*12)+1:ym=INT(RND*5)+4
1600 IF ((xm=xr AND ym=yr) OR (xm=xr+1 AN
D ym=yr+1) OR (xm=xr-1 AND ym=yr-1) OR y
m=1) THEN 1590
1610 IF (lev=1 AND (xm=6 OR xm=7 OR xm=8
)) OR FNscr(xm,ym)<5 THEN 1590
1620 sm=10:ym1=ym+1
1630 IF (lev MOD 2)=0 THEN event=20:GOTO
1680 ELSE event=20
1640 IF (lev=1 AND (xm=12 AND ym=yr) OR (xm=xz
AND ym=yz) OR (xz=xr+1 AND yz=yr-1) OR (xz=x
r-1 AND yz=yr+1) OR (xz=xr-1 AND yz=yr+1
)) OR FNscr(xz,yz+1)<5 THEN 1640
1670 sz=15:yz1=yz+1
1680 SOUND 2,2000,50,14,0,2,1
1690 'SCREEN,lev+1
1700 RESTORE 60:FOR k=0 TO 13:READ c:INK
k,c:NEXT:INK 14,6,2:INK 15,20
1710 RETURN
1720 'Presentation
1730 CLS:demo=0:FOR k=1 TO 15:INK k,0:NE
XT
1740 a$="CASTEL":b$="ROBOT"
1750 FOR f=0 TO 19:ISHAPE,f,0,4:NEXT
1760 FOR f=2 TO 22 STEP 2:ISHAPE,0,f,3:1
ISHAPE,19,f,3:NEXT
1770 FOR f=0 TO 11:FOR k=6 TO 9:ISHAPE,f
k,2:NEXT k,f
1780 FOR f=3 TO 6:ISHAPE,f,8,1:ISHAPE,f+
10,8,1:NEXT
1790 FOR n=10 TO 22 STEP 2:FOR f=3 TO 16
:ISHAPE,f,n,1:NEXT f,n
1800 FOR f=200 TO 284 STEP -2:FOR k=268
TO 376 STEP 24:MOVE k,f:DRAW 8,0,0:MOVE
k-162,f-28:DRAW 8,0:MOVE k+158,f-28:DR
AW 8,0:NEXT k,f
1810 MOVE 220,224:DRAW 0,-208,0:MOVE 41
2,244:DRAW 0,-208,0
1820 LOCATE 8,11:PRINT "":LOCATE 13,11:P
RINT "":ISHAPE,9,9,2:ISHAPE,10,9,2
1830 FOR f=216 TO 88 STEP -64:FOR k=0 TO
15 STEP 4:MOVE 138+k,f+2:DRAW 0,-24,2:
MOVE 490+k,f+2:DRAW 0,-24:FOR n=0 TO 7
STEP 4:MOVE 490+n,f:DRAW 0,-20,0:MOVE 4
92+n,f:DRAW 0,-20:NEXT n,k,f
1840 FOR f=264 TO 376 STEP 4:MOVE f,134:
DRAW 0,-120,5:NEXT
1850 MOVE 264,134:DRAW 112,0,4:DRAW 0,
-120:DRAW -112,0:DRAW 0,120
1860 FOR f=128,4:NEXT
1870 FOR f=264 TO 376 STEP 4:MOVE f,102
DRAW 0,-16:MOVE f,50:DRAW 0,-16:NEXT
1880 FOR f=280 TO 380 STEP 28:MOVE f,102
DRAW 0,-2,10:MOVE f,42:DRAW 0,-2:NEXT
1890 LOCATE 5,3:PEN 9:IATTRB,ea$,2:LOCAT
E 6,5:PEN 8:IATTRB,eb$,2
1900 RESTORE 60:FOR k=0 TO 13:READ c:INK
k,c:NEXT:INK 14,6,2:INK 15,20
1910 PEN 7:PAPER 8:LOCATE 1,25:PRINT"<ES
PACE> POUR JOUER":PAPER 0
1920 GOSUB 3230:if=0:RESTORE 3360:demo=0
1930 nt=2:WHILE INKEY(47)=-1:IF nt=0 THE
N demo=1:GOTO 1960
1940 ON SQ(2) GOSUB 2200
1950 WEND:SOUND 135,0
1960 CLS:PEN 3:PRINT"INSTRUCTIONS"

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1970 LOCATE 1,3:PEN 13:PRINT"RÉCUPÉREZ L
E CALICE D'OR DE LA TOUR"
1980 PRINT"POUR CELA DIRIGEZ VOTRE ROB
OT ET"
1990 PRINT"RAMASSEZ TOUT LES OBJETS OU
E VOUS TROUVEREZ."
2000 PRINT:PEN 5
2010 PRINT"MEFIEZ-VOUS DU GARDE ET DES AR
AINGNES"
2020 PRINT:PEN 8
2030 PRINT"ORSQUE VOUS AUREZ RAMASSE T
OUS LES OBJETS, LA PORTE AU NIVEAU 2
S'OUVRIRA."
2040 PRINT"IL SUFFIRA ALORS DE PRENDRE L
E CALICE"
2050 PRINT:PEN 1:PRINT"JOYSTICK OU CLAVI
ER"PRINT"DEL" POUR PAUSE"
2060 PEN 3:LOCATE 2,25:PRINT"TAPEZ UNE T
OUCHE"
2070 WHILE INKEY<>"":WEND:CALL &BB06
2080 CLS:FOR k=1 TO 15:INK k,0:NEXT
2090 RESTORE 2100:FOR n=0 TO 13:READ s:1
SHAPE,n,0,s:NEXT
2100 DATA 32,22,23,24,25,26,27,28,29,30,
31,30,25,33
2110 FOR n=1 TO 10:ISHAPE,0,n*2,3:NEXT
2120 FOR n=0 TO 19:ISHAPE,n,22,4:NEXT
2130 FOR n=0 TO 10:FOR n=0 TO 5:ISHAPE,1
4,n,0,2:NEXT n,n
2140 ISHAPE,14,0,32:ISHAPE,19,0,33:RESTO
RE 2160:FOR n=0 TO 14:READ s:IPUT.SPRITE,
116+n*8,199,s:NEXT
2150 FOR n=15 TO 17:READ s:ISHAPE,n,6,s:
NEXT
2160 DATA 24,22,30,29,26
2170 DATA 34,35,26,24
2180 IE d=0 THEN 2260
2190 RETURN
2200 READ not1,not2:nf=nf+1:IF nf>67 T
HEN nf=0:RESTORE 3300:nt=nt-1
2210 IF not1=0 THEN ev=0 ELSE ev=3
2220 IF not2=0 THEN ev1=0 ELSE ev1=3
2230 SOUND 35,not1,26,0,ev:SOUND 14,not
ev,22,0,ev1:not2,0,20,0,2,1
2240 RETURN
2250 'Demo Mode
2260 CLS#1:LOCATE 6,25:PEN 13:PRINT"DEMO
"
2270 FOR lev=0 TO 8:niv(lev)=0:tim=30:de
ad=0
2280 xr=INT(RND*10)+1:yr=INT(RND*5)+4
2290 IF FNscr(xr,yr1+lev*10)<5 OR (xr=6
AND yr=7) THEN 2270
2300 yr=yr+lev*10:sr=6
2310 GOSUB 1450
2320 GOSUB 730:GOSUB 760:IF lev MOD 2 TH
EN GOSUB 790
2330 EVERY event,3 GOSUB 1030:IF lev MOD
2 THEN EVERY event,2 GOSUB 1180
2340 mv=RND*5
2350 IF mv=0 AND yr>0 AND FNscr(xr,yr1-1
)>4 THEN GOSUB 850
2360 IF mv=1 AND yr<9 AND FNscr(xr,yr1+1
)>4 THEN GOSUB 820
2370 IF mv=2 AND xr<12 AND FNscr(xr+1,yr
1)>4 THEN GOSUB 740:kr=xr+1:sr=8:GOSUB 730
2380 IF mv=3 AND xr>0 AND FNscr(xr-1,yr1
)>4 THEN GOSUB 740:kr=xr-1:sr=7:GOSUB 730
2390 IF FNscr(xr,yr1)<17 OR FNscr(xr,yr1
)>20 THEN 2410
2400 ISHAPE,xr+1,(yr*2)+2,5:GOSUB 730:PO
KE &BB06+(kr+(yr1+13)),5
2410 IF INKEY<>"" THEN f=REMAIN(2):f1=RE
MAIN(3):GOTO 1730
2420 IF (yr=ym AND xr=xm) OR (yr=yz AND r
x=xz AND lev MOD 2) THEN GOTO 2450
2430 IF dead THEN 2450
2440 tim=tim-1:IF tim>0 THEN 2340
2450 f=REMAIN(2):f1=REMAIN(3)
2460 FOR n=1 TO 20:FOR i=1 TO 13:OUT &F
00,i:OUT &F00,64+INT(RND*31):NEXT i,n,1
ev
2470 FOR f=1 TO 1000:NEXT
2480 GOSUB 2510:GOTO 1730
2490 FOR n=1 TO 50:FOR i=1 TO 13:OUT &F
00,i:OUT &F00,64+INT(RND*31):NEXT i,n
2500 'Tableau records
2510 PAPER 0:CLS
2520 IF item<item1 OR demo THEN 2600
2530 PEN 7:LOCATE 1,25:PRINT"TABLEAU DES RECORD
S"
2540 PEN 7:LOCATE 2,45:PRINT"BRAVO !!!":IA
ATTRB,ea$,2
2550 PEN 1:LOCATE 2,10:PRINT"Vous avez r
écupéré le calice d'or."
2560 PEN 6:LOCATE 1,18:PRINT"Entrez votr
e nom au:"PRINT"TABLEAU DES RECORD S"
2570 RESTORE 3370:FOR n=0 TO 51:READ nte
:SOUND 33,nte,20,6:SOUND 12,nte/2,8,6:NE
XT
2580 FOR n=1 TO 1500:NEXT
2590 LOCATE 1,4:PRINT CHR$(20):

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2600 hi=0:tc=4:gc=13:ox=1:oy=2:m$="LES M
EILLEURS SCORES":GOSUB 3240
2610 IF demo THEN 3030
2620 FOR n=1 TO 10
2630 IF sc>sc(n) THEN hi=n:GOTO 2660
2640 NEXT
2650 GOTO 3030
2660 FOR n=10 TO hi+1 STEP -1:sc(n)=sc(n
-1):nm$(n)=nm$(n-1):NEXT
2670 sc(hi)=sc
2680 LOCATE 3,5:PEN 5:PRINT"ENTREZ VOTRE
NOM"
2690 LOCATE 1,7:PEN 10:PRINT"[*]=FIN [#
]=DELETE"
2700 PRINT" [CENTER]=VALIDE"
2710 m$="ABCDEFGHIJKLMNOPQRSTUVWXYZ#"+C
HR$(226)+CHR$(227)+CHR$(228)+CHR$(229):m
$m=m$+m$m$
2720 LOCATE 1,11:PEN 1:PRINT CHR$(20)CHR
$(150)STRING$(18,154)CHR$(156);
2730 LOCATE 1,12:PRINT CHR$(149);TAB(20)
CHR$(149);
2740 LOCATE 1,13:PRINT CHR$(147)STRING$(
18,154)CHR$(153);
2750 LOCATE 4,19:PEN 9:PRINT CHR$(20)CHR
$(150)STRING$(12,154)CHR$(156);
2760 LOCATE 4,20:PRINT CHR$(149);SPC(12)
CHR$(149);
2770 LOCATE 4,21:PRINT CHR$(20)CHR$(147)
STRING$(12,154)CHR$(153)
2780 LOCATE 5,20:PEN 1:PRINT STRING$(12,
" ")
2790 nm$="":LOCATE 2,12:PEN 3:PRINT LEFT
$(m$,18)
2800 cr=i:GOSUB 2980
2810 GOSUB 3230:CALL &BB18
2820 IF INKEY(8)=0 THEN 2930
2830 IF INKEY(1)=0 THEN 2940
2840 IF INKEY(18)=0 THEN 2860
2850 GOTO 2800
2860 IF ch$="*" THEN 3020
2870 IF LEN(nm$)=0 AND ch$="#" THEN SOUN
D 1,10:GOTO 2810
2880 PEN 11:IF ch$="#" AND LEN(nm$)>0 TH
EN PEN 1:ch$="":nm$=LEFT$(nm$,LEN(nm$)-
1)
2890 LOCATE 5+LEN(nm$),20:PRINT ch$;
2900 IF ch$="." THEN ch$="#" :GOTO 2810
2910 nm$=nm$+ch$:IF LEN(nm$)=10 THEN 302
0
2920 GOTO 2810
2930 cr=cr-1:IF cr<1 THEN 7:cr=LEN(m$)-32
2940 LOCATE 2,12:PEN 3:PRINT MID$(m$,cr,
18);
2950 GOSUB 2980:GOTO 2810
2960 cr=cr+1:IF cr>LEN(m$)-32 THEN cr=1
2970 GOTO 2940
2980 ch$=MID$(m$,cr+8,1)
2990 LOCATE 10,12:PAPER 13:PEN 4:PRINT c
h$;
3000 SOUND 2,0,10,0,2,,1
3010 PAPER 0:RETURN
3020 nm$(hi)=nm$:IF nm$="" THEN nm$(hi)=
"LOMAX"
3030 LOCATE 1,4:PEN 1:PRINT CHR$(20)CHR$(
150)STRING$(18,154)CHR$(156);
3040 LOCATE 1,5:PRINT CHR$(149);TAB(20)C
HR$(149);
3050 LOCATE 1,6:PRINT CHR$(147)STRING$(1
8,154)CHR$(153);
3060 tc=1:gc=3:ox=3:oy=5:m$="NOMS":GOSUB
3240
3070 tc=7:gc=5:ox=13:m$="SCORES":GOSUB 3
240
3080 LOCATE 1,8:PEN 13:PRINT CHR$(204);S
TRING$(18,208);CHR$(205);
3090 FOR n=9 TO 20:LOCATE 1,n:PRINT CHR$(
204);LOCATE 20,n:PRINT CHR$(209);NEXT
3100 LOCATE 1,21:PRINT CHR$(205);STRING$(
18,210);CHR$(204);
3110 FOR n=1 TO 10
3120 IF n=hi THEN PEN 14 ELSE PEN 5
3130 LOCATE 2,n+9:PRINT nm$(n)
3140 sc$=STR$(sc(n)):sc$=RIGHT$(sc$,LEN(
CHR$(n))-1):sc$=LEFT$(CHR$(n),6-LEN(sc$))+s
c$
3150 IF n=hi THEN PEN 14 ELSE PEN 11
3160 LOCATE 13,n+9:PRINT sc$
3170 NEXT:PRINT
3180 IF demo THEN FOR f=1 TO 2000:NEXT:

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RETURN
3190 gc=12:tc=4:ox=3:oy=24:m$="TAPEZ UNE
TOUCHE":GOSUB 3240
3200 GOSUB 3230:CALL &BB06
3210 IF INKEY(66)=0 THEN END
3220 RETURN
3230 WHATEVER INKEY<<"":WEND:RETURN
3240 WHATFILLS PAPER,C:GRAPHICS.PEN,gc
3250 xg=(ox-1)*32-4:yg=(26-oy)*16
3260 GC03:PRINT CHR$(22)CHR$(1);
3270 TAG:FOR n=yg TO yg-4 STEP -2:FOR m=
xg TO xg+8 STEP 4:MOVE m,n:PRINT m$;NEX
T n:m=n+AGOFF
3280 LOCATE ox,oy:PEN tc:PRINT m$;CHR$(2
2)CHR$(0);
3290 IGCOL 0:RETURN
3300 charge programme en LM
3310 IF PEEK(&8000)=1 AND PEEK(&8001)=9
3320 RETURN
3330 MEMORY &7FFF:LOAD "castcode"
3340 CALL &B000
3350 RETURN
3350 "Music Maestro
3360 DATA 426,80,426,80,426,30,426,90,35
8,50,379,50,379,50,426,50,426,50,478,30,
426,80
3370 DATA 119,106,95,89,71,89,71,89,119,
106,95,89,71,89,71,80,119,106,95,89,71,8
9,71,89,119,106,95,89,89,106,119,106,106
95,89,80,80,89,106,95,119,106,95,119,11
9,106,95,89,71,89,71,89
3380 DATA 0,0,0,0,0,758,0,506,0,379,0,75
8,0,506,0,379,0,758,0,506,0,379,253,506,
159,758,159,506,159,379,190,506,179,568,
179,478,179,358,159,379,190,758,190,716,
190,638,239,568
3390 DATA 253,506,239,716,253,506,253,50
6,159,758,159,506,159,379,190,506,179,56
8,179,478,179,358,159,379,190,758,190,71
6,190,638,239,568,190,716,190,716,190,71
6,253,379
3400 DATA 127,379,127,426,127,506,119,71
6,142,568,159,568,179,478,159,478,142,35
8,159,379,159,758,179,758,190,506,179,50
6,159,379,142,758,179,758,190,758,213,50
6,179,506,179,506,179,506,0,0,0,0
10 "Generateur de CASTCODE.BIN
20 L=1000:C=L
30 FOR I=&8000 TO &91FA STEP 8
40 C=L:FOR J=0 TO 7:READ A$:A=VAL("&"+A$
):C=C+A*(J+1):POKE I+J,A:NEXT:READ C$:IF
VAL("&"+C$)<>C MOD 256 THEN PRINT"ERREU
R LIGNE";L:END
50 PRINT"LIGNE";L;"OK!";CHR$(13);
60 L=L+10:NEXT
70 SAVE"castcode",b,&8000,&11FA
1000 DATA 01,89,80,21,66,80,03,D1,DA
1010 DATA 8C,23,80,03,6A,80,03,62,F7
1020 DATA 81,C3,80,C3,26,82,C3,94
1030 DATA 36,82,C3,3F,82,C3,48,82,A9
1040 DATA C3,51,82,50,55,54,2E,53,86
1050 DATA 50,52,49,54,C3,53,50,52,C4
1060 DATA 49,54,45,2E,4F,46,C6,53,CD
1070 DATA 43,52,45,45,CE,53,48,41,F0
1080 DATA 50,52,47,43,4F,CC,47,52,C7
1090 DATA 41,50,48,49,43,53,2E,50,22
1100 DATA 45,CE,47,52,41,50,48,49,AF
1110 DATA 43,53,2E,50,41,50,45,D2,A1
1120 DATA 41,54,54,52,C2,00,FC,6A,6B
1130 DATA 09,80,FE,03,00,DD,56,05,E9
1140 DATA DD,5E,04,DD,66,03,DD,6E,18
1150 DATA 02,CD,1D,BC,22,62,83,DD,D4
1160 DATA 7E,00,1E,00,C8,FE,29,DD,7B
1170 DATA D6,01,32,5F,83,21,68,83,C1
1180 DATA FE,00,28,07,11,40,00,47,3B
1190 DATA 19,10,FD,22,64,83,3A,5F,F2
1200 DATA 85,21,0C,93,FE,00,28,07,2B
1210 DATA 11,40,00,47,19,10,FD,22,3F
1220 DATA 66,83,3A,5F,83,21,7C,92,A3
1230 DATA FE,00,28,05,47,23,23,10,02
1240 DATA FC,ED,5B,62,83,7B,77,23,11
1250 DATA 7A,77,CD,C4,80,CD,F6,80,09
1260 DATA CD,3C,81,C9,ED,5B,66,83,7D
1270 DATA 2A,62,83,22,60,83,06,10,91
1280 DATA C5,2A,60,83,01,04,00,ED,CA
1290 DATA 80,2A,60,83,CD,26,8C,22,53
1300 DATA 60,83,C1,10,EB,C9,11,CD,29
1310 DATA 92,2A,64,83,01,40,00,ED,29
1320 DATA 80,21,CC,92,ED,5B,66,83,6B
1330 DATA 01,00,40,7E,B9,28,13,E6,2D

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1340 DATA AA,FE,00,28,1C,7E,E6,55,F4
1350 DATA FE,00,28,0A,7E,13,23,10,41
1360 DATA EA,C9,1A,77,18,77,C5,1A,68
1370 DATA EA,55,4F,7E,B1,77,C1,18,15
1380 DATA EC,C5,1A,E6,AA,4F,7E,B1,E6
1390 DATA 77,C1,18,E1,21,CC,92,ED,06
1400 DATA 5B,62,83,ED,53,60,83,06,78
1410 DATA 10,C8,ED,5B,60,83,01,04,6B
1420 DATA 0E,ED,80,E5,2A,60,83,CD,19
1430 DATA 26,BC,22,60,83,E1,C1,10,86
1440 DATA EB,C9,FE,01,CD,DD,7E,00,78
1450 DATA FE,00,C8,FE,29,9D,D6,01,87
1460 DATA 32,5F,83,21,7C,92,FE,00,7B
1470 DATA 28,05,47,23,23,10,FC,7E,34
1480 DATA 5F,23,7E,57,ED,53,62,83,9C
1490 DATA 3A,5F,83,21,0C,93,FE,00,77
1500 DATA 28,07,47,11,40,00,19,0A,9A
1510 DATA FD,ED,5B,62,83,ED,53,60,8B
1520 DATA 83,6A,10,C8,ED,5B,60,83,3E
1530 DATA 81,6A,00,ED,80,ED,83,60,0A
1540 DATA 83,CD,26,BC,2E,60,83,CD,DE
1550 DATA C1,10,EB,C9,FE,01,0A,DD,32
1560 DATA 7E,00,FE,00,C8,FE,00,28,48
1570 DATA 21,68,8D,D6,03,19,10,FD,EA
1580 DATA 07,47,11,82,01,01,8A,63
1590 DATA ES,DD,E1,21,02,00,CD,FB,CB
1600 DATA 0D,C5,25,DD,2A,10,FD,2,5B
1610 DATA 81,DD,23,C1,6D,20,EA,C9,1E
1620 DATA 01,2C,0E,1A,6D,FE,5A,21,79
1630 DATA C8,F5,CD,1A,80,00,FE,07,A2
1640 DATA 68,83,DD,01,19,10,FD,EB,BB
1650 DATA 47,11,40,01,EA,C5,EA,1A,77,D2
1660 DATA 01,16,00,FA,C5,ED,26,BC,04
1670 DATA 23,13,0D,20,F0,C1,FE,03,10
1680 DATA CD,DD,7E,00,DD,66,04,DD,47
1690 DATA 6E,02,CD,FB,81,59,FE,01,92
1700 DATA 0C,DD,7E,00,C3,C9,FE,FE,9B
1710 DATA 0C,00,DD,7E,00,C3,DE,BB,44
1720 DATA FE,01,DD,DD,7E,00,C3,EA,61
1730 DATA BB,FE,02,CD,DD,7E,00,FE,BE
1740 DATA 03,DD,32,5E,83,DD,56,03,B6
1750 DATA DD,5E,02,1A,47,C5,EA,6F,50
1760 DATA 13,1A,67,1A,47,C5,EA,7E,5E
1770 DATA CD,AA,5B,0B,04,ED,80,11,4D
1780 DATA 0C,9D,01,0B,00,ED,80,FE,4D
1790 DATA DA,09,B9,F5,3A,5E,83,FE,C8
1800 DATA
1810 DATA 0E,CA,EA,82,FA,01,28,05,99
1820 DATA FE,02,CA,1A,83,FE,11,0C,FB
1830 DATA 9D,DD,2F,1A,0F,06,05,C5,FB
1840 DATA 1A,4F,0F,0F,0F,0F,0F,0F,0F
1850 DATA CD,48,83,DD,77,00,79,FE,06
1860 DATA 0F,CD,48,83,DD,77,00,79,FE,06
1870 DATA 23,13,C1,16,ED,5A,5E,FE,DD
1880 DATA FE,02,C8,FE,02,82,8B,FE,1,4B
1890 DATA CD,5A,8B,9C,0C,93,FE,FE,01,60
1900 DATA 23,CD,10,9C,0C,93,FE,FE,01,60
1910 DATA A5,8B,ED,DD,99,FE,11,0C,FB
1920 DATA 16,00,ED,DD,99,FE,1A,77,D5
1930 DATA 9D,21,14,9D,06,80,1A,77,D5
1940 DATA 23,77,23,13,06,80,1A,77,D5
1950 DATA 82,CD,7E,80,80,CD,7E,80,80
1960 DATA 5A,8B,9C,0C,93,FE,24,CD,0E
1970 DATA 3E,FF,0D,5A,8B,9C,0C,93,FE
1980 DATA 75,8A,9A,5A,8B,9C,0C,93,FE
1990 DATA 18,B5,14,CD,96,02,11,24,9E
2000 DATA 9D,21,14,9D,01,10,00,ED,2C
2010 DATA 80,11,0C,9D,21,24,9D,01,1E
2020 DATA 08,00,ED,80,DD,82,11,FF,FF
2030 DATA 0C,9D,21,2C,9D,01,08,00,90
2040 DATA ED,80,DD,82,0C,0F,82,19,06
2050 DATA 26,00,06,04,CB,9C,28,04,8C
2060 DATA CB,FC,CB,F4,CB,9C,04,8C
2070 DATA CB,27,10,FB,7C,02,9C,87,87
2080 DATA 60,CD,C8,DD,28,8D,0C,7C,87
2090 DATA 0C,08,84,0C,0C,08,04,6D,9D
2100 DATA 0C,08,84,0C,0C,08,00,6D,9D
2110 DATA 00,00,00,00,0C,08,00,9D,9D
2120 DATA 84,0C,00,08,94,0C,0C,08,9D
2130 DATA 84,0C,00,08,94,0C,0C,08,9D
2140 DATA 84,0C,00,08,94,0C,0C,08,9D
2150 DATA 00,00,00,00,0C,0C,0C,0C,3C
2160 DATA 0C,08,84,0C,0C,08,8B,0C,8B
2170 DATA 88,30,88,30,8B,30,8B,30,8B
2180 DATA 88,30,88,30,8B,30,8B,30,8B
2190 DATA 88,30,88,30,8B,30,8B,30,8B
2200 DATA 0C,8B,88,30,8B,30,8B,30,8B
2210 DATA 30,8B,88,30,8B,30,8B,30,8B
2220 DATA 30,8B,88,30,8B,30,8B,30,8B
2230 DATA CC,44,CC,44,64,10,64,10,0E

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2240 DATA 64,10,64,10,64,10,64,10,40
2250 DATA 40,0C,0C,00,00,00,0C,00,66
2260 DATA 00,00,00,00,00,00,0C,00,14
2270 DATA 00,08,0C,00,00,00,0C,00,96
2280 DATA 00,00,00,00,00,00,0C,00,CA
2290 DATA 00,0C,00,00,00,00,0C,00,8B
2300 DATA 00,00,00,00,00,00,0C,00,3C
2310 DATA 00,0C,04,00,00,00,04,00,8E
2320 DATA 00,00,00,00,00,00,0C,00,80
2330 DATA F3,F3,F3,F3,3C,3C,3C,3C,80
2340 DATA 3C,3C,3C,3C,79,79,79,79,86
2350 DATA 69,3C,3C,96,3C,3C,3C,3C,93
2360 DATA 3C,79,3C,3C,69,3C,3C,3C,15
2370 DATA 3C,3C,3C,3C,79,79,79,79,86
2380 DATA 69,3C,3C,96,3C,3C,3C,3C,93
2390 DATA F3,F3,F3,F3,F0,F0,F0,F0,34
2400 DATA CC,CC,CC,CC,30,30,30,30,58
2410 DATA 00,00,00,00,00,00,00,00,6A
2420 DATA 00,00,00,00,00,00,00,00,7E
2430 DATA 00,00,00,00,00,00,00,00,00
2440 DATA 00,00,00,00,00,00,00,00,00
2450 DATA 00,00,00,00,00,00,00,00,9C
2460 DATA 00,00,00,00,00,00,00,00,96
2470 DATA 00,00,00,00,00,00,00,00,A6
2480 DATA 00,00,00,00,00,00,00,00,80
2490 DATA 00,00,00,00,00,00,00,00,8A
2500 DATA 00,00,00,00,00,00,00,00,8C
2510 DATA 00,00,00,00,00,00,00,00,8B
2520 DATA 00,00,00,00,00,00,00,00,8E
2530 DATA 00,00,00,00,00,00,00,00,8E
2540 DATA 00,8A,8A,8A,8A,8A,8A,8A,8E
2550 DATA 54,8A,D4,00,AC,8A,8A,12
2560 DATA 00,EB,48,AB,00,54,FC,00,24
2570 DATA 00,00,00,00,00,00,00,00,0A
2580 DATA 00,40,5C,00,04,0C,00,00,54
2590 DATA 00,FC,0C,AB,00,84,0C,AB,06
2600 DATA 00,84,0C,AB,00,54,FC,AB,00
2610 DATA 00,84,0C,AB,00,84,D4,AB,22
2620 DATA 00,84,D4,AB,54,EB,AC,AB,6B
2630 DATA 54,FC,0C,AB,00,04,0C,AB,02
2640 DATA 00,84,00,00,00,00,00,00,7C
2650 DATA 00,00,00,00,00,00,00,00,7D
2660 DATA 00,00,00,00,00,00,00,00,7D
2670 DATA 54,00,00,00,00,00,00,00,7D
2680 DATA 54,00,00,00,00,00,00,00,7D
2690 DATA 54,00,00,00,00,00,00,00,7D
2700 DATA 54,00,00,00,00,00,00,00,7D
2710 DATA 54,00,00,00,00,00,00,00,7D
2720 DATA 00,00,00,00,00,00,00,00,6A
2730 DATA 00,00,00,00,00,00,00,00,5F
2740 DATA 00,40,0C,00,00,00,00,00,75
2750 DATA 00,40,0C,00,00,00,00,00,75
2760 DATA 85,0C,0C,40,40,00,00,00,6C
2770 DATA 80,0C,0C,40,40,00,00,00,6C
2780 DATA 40,40,00,00,00,00,00,00,66
2790 DATA 00,00,00,00,00,00,00,00,60
2800 DATA 00,00,00,00,00,00,00,00,60
2810 DATA 00,00,00,00,00,00,00,00,FA
2820 DATA 40,00,00,00,00,00,00,00,84
2830 DATA 80,00,40,00,80,00,C4,40,DA
2840 DATA C9,0F,0F,80,00,00,0F,0F,5F
2850 DATA C9,0F,0F,CA,45,0F,0F,8A,C6
2860 DATA 00,0F,4F,CA,00,0F,00,00,07
2870 DATA 00,0F,0F,00,00,00,45,8A,05
2880 DATA 00,00,00,00,00,00,00,00,40
2890 DATA 00,00,00,00,00,00,00,00,4A
2900 DATA 00,00,00,00,00,00,00,00,04
2910 DATA 00,40,00,00,00,00,00,00,38
2920 DATA 40,00,00,00,00,00,00,00,52
2930 DATA CF,0F,CF,0F,CF,0F,CF,00,03
2940 DATA 45,0F,80,00,00,00,00,00,49
2950 DATA C0,40,00,00,00,00,00,00,46
2960 DATA 00,00,00,00,00,00,00,00,90
2970 DATA 00,00,00,00,00,00,00,00,9A
2980 DATA 00,00,00,00,00,00,00,00,24
2990 DATA 40,00,80,00,00,00,00,00,97
3000 DATA 00,40,8A,00,00,00,00,00,3C
3010 DATA 00,CF,0F,CF,40,CD,0F,CF,8B
3020 DATA 00,40,8A,80,00,00,CF,CF,8A
3030 DATA 40,00,00,00,00,40,00,00,16
3040 DATA 00,00,00,00,00,00,00,00,00
3050 DATA 00,88,44,00,44,44,8B,8B,EA
3060 DATA 00,44,88,00,79,8B,8B,EA
3070 DATA 14,51,28,14,46,56,28,31
3080 DATA 00,79,8B,00,00,14,28,00,AC
3090 DATA 00,79,8B,00,14,49,28,2A
3100 DATA 3C,E6,D9,3C,3C,D9,E6,3C,0B
3110 DATA 14,44,88,28,0C,0F,00,7D
3120 DATA 00,8A,45,00,51,A2,51,A2,8B
3130 DATA 00,8B,44,00,44,44,8B,8B,FA

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