

10 GOSUB 620

20 :
30 CLS
40 IF INKEY(1)>-1 THEN XDIR=1:YDIR=0:INK
1,0:GOSUB 120:INK 1,24
50 IF INKEY(8)>-1 THEN XDIR=-1:YDIR=0:IN
K 1,0:GOSUB 120:INK 1,24
60 IF INKEY(0)>-1 THEN XDIR=0:YDIR=-1:IN
K 1,0:GOSUB 120:INK 1,24
70 IF INKEY(2)>-1 THEN XDIR=0:YDIR=1:INK
1,0:GOSUB 120:INK 1,24
80 IF INKEY(9)>-1 AND X+XDIR<32 AND X+XD
IR>1 AND Y+YDIR<24 AND Y+YDIR>1 AND M(X+
XDIR,Y+YDIR)=32 THEN X=X+XDIR:Y=Y+YDIR:I
NK 1,0:GOSUB 120:INK 1,24:MOV=MOV+1:IF X
=16 AND Y=2 THEN GOSUB 420
90 IF INKEY(67)>-1 THEN 560
100 GOTO 40

110 :
120 CLS
130 IF M(X+XDIR,Y+YDIR)<>32 THEN MOVE 1,

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368: DRAW 639, 368: DRAW 639, 80: DRAW 1, 80: D
RAW 1, 368: RETURN
140 IF XDIR<>0 THEN 170
150 IF M(X+YDIR, Y+YDIR)<>32 THEN MOVE 1,
368: DRAW 160, 298: DRAW 160, 149: DRAW 1, 80
ELSE MOVE 1, 298: DRAW 160, 298: DRAW 160, 14
9: DRAW 1, 149
160 IF M(X+(YDIR*-1), Y+YDIR)<>32 THEN MO
VE 640, 368: DRAW 480, 298: DRAW 480, 149: DRA
W 640, 80 ELSE MOVE 640, 298: DRAW 480, 298:
DRAW 480, 149: DRAW 640, 149
170 IF YDIR<>0 THEN 200
180 IF M(X+XDIR, Y+(XDIR*-1))<>32 THEN MO
VE 1, 368: DRAW 160, 298: DRAW 160, 149: DRAW
1, 80 ELSE MOVE 1, 298: DRAW 160, 298: DRAW 1
60, 149: DRAW 1, 149
190 IF M(X+XDIR, Y+XDIR)<>32 THEN MOVE 64
0, 368: DRAW 480, 298: DRAW 480, 149: DRAW 640
, 80 ELSE MOVE 640, 298: DRAW 480, 298: DRAW
480, 149: DRAW 640, 149
200 IF M(X+XDIR+XDIR, Y+YDIR+YDIR)<>32 TH
EN MOVE 160, 298: DRAW 480, 298: MOVE 160, 14
9: DRAW 480, 149: RETURN
210 IF XDIR<>0 THEN 240
220 IF M(X+YDIR, Y+YDIR+YDIR)<>32 THEN MO
VE 160, 298: DRAW 240, 260: DRAW 240, 186: DRA
W 160, 149 ELSE MOVE 160, 260: DRAW 80, 0: D
RAW 0, -74: DRAW 80, 0
230 IF M(X+(YDIR*-1), Y+YDIR+YDIR)<>32 TH
EN MOVE 480, 298: DRAW 400, 260: DRAW 400, 18
6: DRAW 480, 149 ELSE MOVE 480, 260: DRAW 80
, 0: DRAW 0, -74: DRAW 80, 0
240 IF YDIR<>0 THEN 270
250 IF M(X+XDIR+XDIR, Y+(XDIR*-1))<>32 TH
EN MOVE 160, 298: DRAW 240, 260: DRAW 240, 18
6: DRAW 160, 149 ELSE MOVE 160, 260: DRAW 80
, 0: DRAW 0, -74: DRAW 80, 0
260 IF M(X+XDIR+XDIR, Y+XDIR)<>32 THEN MO
VE 480, 298: DRAW 400, 260: DRAW 400, 186: DRA
W 480, 149 ELSE MOVE 480, 260: DRAW 80, 0: D
RAW 0, -74: DRAW 80, 0
270 IF M(X+XDIR+XDIR+XDIR, Y+YDIR+YDIR+YD
IR)<>32 THEN MOVE 240, 260: DRAW 400, 260: M
OVE 240, 186: DRAW 400, 186: RETURN
280 IF XDIR<>0 THEN 310

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290 IF M(X+YDIR,Y+YDIR+YDIR+YDIR)<>32 TH
EN MOVE 240,260:DRAW 288,238:DRAW 288,20
7:DRAW 240,186 ELSE MOVE 240,238:DRAW 4
8,0:DRAW 0,-31:DRAW -48,0
300 IF M(X+(YDIR*-1),Y+YDIR+YDIR+YDIR)<>
32 THEN MOVE 400,260:DRAW 352,238:DRAW 3
52,207:DRAW 400,186 ELSE MOVE 400,238:DR
AWR -48,0:DRAW 0,-31:DRAW 48,0
310 IF YDIR<>0 THEN 340
320 IF M(X+XDIR+XDIR+XDIR,Y+(XDIR*-1))<>
32 THEN MOVE 240,260:DRAW 288,238:DRAW 2
88,207:DRAW 240,186 ELSE MOVE 240,238:DR
AWR 48,0:DRAW 0,-31:DRAW -48,0
330 IF M(X+XDIR+XDIR+XDIR,Y+XDIR)<>32 TH
EN MOVE 400,260:DRAW 352,238:DRAW 352,20
7:DRAW 400,186 ELSE MOVE 400,238:DRAW -4
8,0:DRAW 0,-31:DRAW 48,0
340 IF M(X+XDIR+XDIR+XDIR+XDIR,Y+YDIR+YD
IR+YDIR+YDIR)<>32 THEN MOVE 288,238:DRAW
352,238:MOVE 288,207:DRAW 352,207:RETUR
N
350 IF XDIR<>0 THEN 380
360 IF M(X+YDIR,Y+YDIR+YDIR+YDIR+YDIR)<>
32 THEN MOVE 288,237:DRAW 320,227:DRAW 3
20,221:DRAW 288,208 ELSE MOVE 288,227:DR
AWR 32,0:DRAW 0,-6:DRAW -32,0
370 IF M(X+(YDIR*-1),Y+YDIR+YDIR+YDIR+YD
IR)<>32 THEN MOVE 352,237:DRAW 320,227:D
RAW 320,221:DRAW 352,208 ELSE MOVE 352,2
27:DRAW -32,0:DRAW 0,-6:DRAW 32,0
380 IF YDIR<>0 THEN 410
390 IF M(X+XDIR+XDIR+XDIR+XDIR,Y+(XDIR*-
1))<>32 THEN MOVE 288,237:DRAW 320,227:D
RAW 320,221:DRAW 288,208 ELSE MOVE 288,2
27:DRAW 32,0:DRAW 0,-6:DRAW -32,0
400 IF M(X+XDIR+XDIR+XDIR+XDIR,Y+XDIR)<>
32 THEN MOVE 352,237:DRAW 320,227:DRAW 3
20,221:DRAW 352,208 ELSE MOVE 352,227:DR
AWR -32,0:DRAW 0,-6:DRAW 32,0
410 RETURN
420 FOR T=1 TO 24
430 LOCATE 1,1
440 PRINT CHR$(11)
450 INK 1,T
460 NEXT T

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470 FOR T=1 TO 10
480 FOR N=500 TO 700 STEP 10
490 SOUND 129,T,10,15
500 NEXT N:NEXT T
510 MODE 0
520 LOCATE 4,10:PEN 7:PRINT"NECESITASTE"
530 LOCATE 4,12:PEN 4:PRINT"MOV;"_MOVIMI
ENTOS"
540 PEN 1
550 FOR T=1 TO 3000:NEXT T:GOTO 640
560 CLS:PRINT"_[C].....CONTINUA
R"
570 PRINT"_[P].....PARAR"
580 A$=INKEY$:IF A$=""THEN 580
590 IF A$="C"OR A$="c"THEN GOSUB 120:GOT
O 30
600 IF A$="P"OR A$="p"THEN RUN
610 GOTO 580

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620 :
630 DIM M(32,24)
640 MOV=0
650 X=16
660 Y=23
670 XDIR=0
680 YDIR=-1
690 MODE 1
700 INK 0,0
710 INK 1,24
720 BORDER 0
730 PRINT"_DEFINIR_LABERINTO?_(S/N)"
740 A$=INKEY$:IF A$<>"N"AND A$<>"S"AND A
$<>"s"AND A$<>"n"THEN 740
750 IF A$="N"OR A$="n"THEN 30
760 CLS
770 FOR T=1 TO 24
780 FOR N=1 TO 32
790 M(N,T)=233
800 NEXT N
810 NEXT T
820 M(16,23)=32

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830 M(16,2)=32
840 A=16
850 FOR T=2 TO 31:M(T,1)=154:M(T,24)=154
: NEXT T
860 FOR T=2 TO 23:M(1,T)=149:M(32,T)=149
: NEXT T
870 M(1,1)=194:M(32,1)=195:M(1,24)=193:M
(32,24)=192
880 B=23
890 GOSUB 1060
900 LOCATE A,B
910 FOR I=1 TO 50:NEXT
920 PRINT "*"
930 LOCATE A,B
940 PRINT CHR$(M(A,B))
950 A=A+(INKEY(8)>-1)-(INKEY(1)>-1)
960 IF A>31 THEN A=31
970 IF A<2 THEN A=2
980 B=B+(INKEY(0)>-1)-(INKEY(2)>-1)
990 IF B>23 THEN B=23
1000 IF B<2 THEN B=2
1010 IF INKEY(9)>-1 THEN IF M(A,B)=233 T
HEN M(A,B)=32 ELSE M(A,B)=233
1020 IF INKEY(67)>-1 THEN FOR T=0 TO 24:
INK 1,T:SOUND 2,T*2,10,15:NEXT T:RETURN
1030 SOUND 1,1,1,15
1040 GOTO 900

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1050 :
1060 FOR T=1 TO 24
1070 FOR N=1 TO 32
1080 LOCATE N,T
1090 PRINT CHR$(M(N,T))
1100 NEXT N
1110 NEXT T
1120 RETURN

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Tablas de comprobación

10 =	331	390 =	9487	770 =	922
20 =	0	400 =	9188	780 =	924
30 =	138	410 =	201	790 =	1284
40 =	3485	420 =	922	800 =	395
50 =	3737	430 =	243	810 =	401
60 =	3729	440 =	566	820 =	728
70 =	3486	450 =	446	830 =	696
80 =	17309	460 =	401	840 =	486
90 =	1412	470 =	908	850 =	3370
100 =	230	480 =	1604	860 =	3360
110 =	0	490 =	790	870 =	3477
120 =	138	500 =	797	880 =	494
130 =	5064	510 =	187	890 =	229
140 =	1304	520 =	1623	900 =	626
150 =	6410	530 =	2162	910 =	1210
160 =	7825	540 =	202	920 =	301
170 =	1335	550 =	1817	930 =	626
180 =	6995	560 =	2016	940 =	1286
190 =	7236	570 =	1757	950 =	3027
200 =	6666	580 =	1757	960 =	1397
210 =	1374	590 =	2510	970 =	1320
220 =	7779	600 =	2144	980 =	3022
230 =	8376	610 =	260	990 =	1383
240 =	1150	620 =	0	1000 =	1322
250 =	8363	630 =	628	1010 =	5337
260 =	7786	640 =	636	1020 =	4219
270 =	8057	650 =	509	1030 =	421
280 =	1189	660 =	517	1040 =	325
290 =	8617	670 =	705	1050 =	0
300 =	9114	680 =	952	1060 =	922
310 =	1220	690 =	188	1070 =	924
320 =	9200	700 =	234	1080 =	657
330 =	8523	710 =	270	1090 =	1317
340 =	9384	720 =	144	1100 =	395
350 =	1259	730 =	1892	1110 =	401
360 =	8905	740 =	4734	1120 =	201
370 =	9780	750 =	1998		
380 =	1290	760 =	138	TOTAL =	291134