

```
10 DEG
20 ENT 1,1,0,8,16,-6,2
30 ENV 1,1,0,20,4,1,5
40 SYMBOL AFTER 130
50 SYMBOL 131,255
60 SYMBOL 133,128,128,128,128,128,128,128
70 SYMBOL 135,255,128,128,128,128,128,128
80 SYMBOL 138,1,1,1,1,1,1,1
90 SYMBOL 139,255,1,1,1,1,1,1
100 SYMBOL 140,0,0,0,0,0,0,0,255
110 SYMBOL 141,128,128,128,128,128,128,128,255
120 SYMBOL 142,1,1,1,1,1,1,1,255
130 ba$=CHR$(135)+CHR$(131)+CHR$(131)+CHR$(139)
140 bb$=CHR$(141)+CHR$(140)+CHR$(140)+CHR$(142)
150 MODE 1
160 BORDER 11
170 INK 0,11
180 INK 1,11
190 INK 2,11
200 PEN 1
210 LOCATE 16,2
220 PRINT"CUADRADOS"
230 LOCATE 15,3
240 PRINT STRING$(11,154)
250 LOCATE 12,25
260 PRINT" Alejandro Gonzalez "
270 PEN 2
280 LOCATE 10,5
290 PRINT"Solo tienes que ordenar los"
300 LOCATE 5,7
310 PRINT"numeros de izquierda a derecha y"
320 LOCATE 5,9
330 PRINT"de arriba a abajo."
340 LOCATE 10,11
350 PRINT"Cuando quieras comenzar una"
360 LOCATE 5,13
370 PRINT"nueva Partida , Pulsa la barra"
380 LOCATE 5,15
390 PRINT"espaciadora."
400 BORDER 11
410 INK 0,24
420 INK 1,1
430 INK 2,11
440 INK 3,6
450 PEN 3
460 LOCATE 7,19
470 PRINT"Lado del cuadrado (4-8) ?"
480 SOUND 7,50,30,15
490 l$=INKEY$
500 l=VAL(l$)
510 IF l<4 OR l>8 THEN 490
520 DIM A(1,1)
530 x=1
540 FOR j=1 TO 1
550 FOR i=1 TO 1
560 A(i,j)=x
570 x=x+1
580 NEXT
590 NEXT
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600 A(1,1)=0
610 a=1
620 b=1
630 LOCATE 7,21
640 PRINT"Nivel de dificultad (1-5) ?"
650 SOUND 7,50,30,15
660 n#=INKEY$
670 n=VAL(n#)
680 IF n<1 OR n>5 THEN 660
690 BORDER 1
700 FOR c=0 TO 3
710 INK c,1
720 NEXT
730 CLS
740 PAPER #0,2:CLS:PAPER #0,0
750 WINDOW #0,25-2*1,24+2*1,13-INT(3*1/2),12-INT(3*1/2)+3*1
760 WINDOW #1,1,7,22,24
770 PAPER #1,0:CLS #1
780 RANDOMIZE TIME
790 FOR x=1 TO 20*n#1
800 m=1+INT(4*RND)
810 GOSUB 1690
820 IF s=1 THEN s=0:GOTO 800
830 SOUND 2,1000,0.5,10
840 NEXT
850 m=0
860 FOR j=1 TO 1
870 FOR i=1 TO 1
880 IF A(i,j)<>0 THEN 970
890 PEN 3
900 LOCATE 4*i-3,3*j-2
910 PRINT STRING$(4,143)
920 LOCATE 4*i-3,3*j-1
930 PRINT STRING$(4,143)
940 LOCATE 4*i-3,3*j
950 PRINT STRING$(4,143);
960 GOTO 1100
970 PEN 3
980 LOCATE 4*i-3,3*j-2
990 PRINT ba$
1000 LOCATE 4*i-3,3*j
1010 PRINT bb$;
1020 PEN 1
1030 LOCATE 4*i-2,3*j-1
1040 PRINT USING "##";A(i,j)
1050 PEN 3
1060 LOCATE 4*i-3,3*j-1
1070 PRINT CHR$(133)
1080 LOCATE 4*i,3*j-1
1090 PRINT CHR$(138)
1100 NEXT
1110 NEXT
1120 PEN #1,1
1130 PRINT#1,CHR$(150);STRING$(5,154);CHR$(156);
1140 PRINT#1,CHR$(149);SPC(2);";";SPC(2);CHR$(149);
1150 PRINT#1,CHR$(147);STRING$(5,154);CHR$(153);
1160 PEN #1,3
1170 BORDER 18
1180 INK 0,24
1190 INK 1,1

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1200 INK 2,18
1210 INK 3,6
1220 SOUND 7,100,40,15
1230 se9=0: minu=0
1240 IF INKEY(47)=-1 THEN 1280
1250 MODE 1
1260 ERASE A
1270 GOTO 400
1280 IF INKEY(0)<>-1 OR JOY(0)=1 THEN m=3
1290 IF INKEY(8)<>-1 OR JOY(0)=4 THEN m=2
1300 IF INKEY(2)<>-1 OR JOY(0)=2 THEN m=1
1310 IF INKEY(1)<>-1 OR JOY(0)=8 THEN m=4
1320 se9=se9+0.05
1330 IF se9<60 THEN 1370
1340 minu=minu+1
1350 se9=0
1360 SOUND 7,30,30,15
1370 LOCATE #1,2,2
1380 PRINT #1,USING "##";minu
1390 LOCATE #1,5,2
1400 PRINT #1,USING "##";INT(se9)
1410 IF m=0 THEN 1240
1420 GOSUB 1690
1430 IF s<>1 THEN 1460
1440 SOUND 7,120*m,10,10,,,1+9*(m-1)
1450 GOTO 1470
1460 SOUND 7,120*m,40,11,1,1
1470 s=0
1480 PEN 3
1490 LOCATE 4#a-3,3#b-2
1500 PRINT STRING$(4,143)
1510 LOCATE 4#a-3,3#b-1
1520 PRINT STRING$(4,143)
1530 LOCATE 4#a-3,3#b
1540 PRINT STRING$(4,143)
1550 LOCATE 4*(a-sa)-3,3*(b-sb)-2
1560 PRINT ba$
1570 LOCATE 4*(a-sa)-3,3*(b-sb)
1580 PRINT bb$:
1590 PEN 1
1600 LOCATE 4*(a-sa)-2,3*(b-sb)-1
1610 PRINT USING "##";R(a-sa,b-sb)
1620 PEN 3
1630 LOCATE 4*(a-sa)-3,3*(b-sb)-1
1640 PRINT CHR$(133)
1650 LOCATE 4*(a-sa),3*(b-sb)-1
1660 PRINT CHR$(138)
1670 m=0
1680 GOTO 1240
1690 sa=COS(90*m)
1700 sb=SIN(90*m)
1710 IF a+sa>1 OR a+sa<1 THEN se9=se9+0.15:s=1:RETURN
1720 IF b+sb>1 OR b+sb<1 THEN se9=se9+0.15:s=1:RETURN
1730 R(a,b)=R(a+sa,b+sb)
1740 R(a+sa,b+sb)=0
1750 a=a+sa
1760 b=b+sb
1770 se9=se9+0.2
1780 RETURN

```