

```
10 MODE 1:BORDER 13
20 DEFINT A-Z:INK 1,11:INK 2,25:INK 3,13:GRAPHICS PEN 1
30 PEN 2:B$=CHR$(1)+CHR$(29):LOCATE 8,6:FOR A=1 TO 25:PRINT
B$;:NEXT A
40 FOR A=1 TO 8:LOCATE 8,6+A:PRINT B$;TAB(32);B$:NEXT A
50 LOCATE 8,15:FOR A=1 TO 25:PRINT B$;:NEXT A
60 GOSUB 2400
70 PEN 3:LOCATE 11,18:PRINT"    PUBLICADO POR:"
80 LOCATE 10,20:PRINT"    AMSTRAD MAGAZINE":PEN 1:PAPER 0
90 FOR A=1 TO 7000:NEXT:CLS
100 PEN 0:PAPER 1:LOCATE 12,3:PRINT" MENU DE OPCOES ":PEN
2:PAPER 0
110 PEN 3:LOCATE 7,6:FOR A=1 TO 29:PRINT B$;:NEXT A
120 FOR A=1 TO 12:LOCATE 7,6+A:PRINT B$;TAB(35);B$:NEXT A
130 LOCATE 7,18:FOR A=1 TO 29:PRINT B$;:NEXT A
140 PEN 2:LOCATE 9,8:PRINT"F1...[ INSTRUcoes ]
150 LOCATE 9,12:PRINT"F2...[ COMECAR JOGO ]
160 LOCATE 9,16:PRINT"F3...[ ESCOLHA CARTOES ]
170 A$=INKEY$:A$=UPPER$(A$):IF A$="1"THEN GOSUB 2400 ELSE IF
A$="2"THEN 180 ELSE IF A$="3" THEN GOSUB 1060 ELSE 170
180 CLEAR:CLS:LOCATE 9,10:PRINT"* DISTRIBUIR CARTOES
```

```

580 FOR L=1 TO LEN(N$(C)):A$=MID$(N$(C),L,1)
590 GOSUB 620:XX=XX+64
600 NEXT
610 V=VAL(N$(C)):FOR A=1 TO 1000:NEXT:GOTO 720
620 P=XX:O=YY
630 PEN 1:LOCATE X,Y:PRINT A$
640 FOR H=399 TO 383 STEP -2
650 FOR M=0 TO 16 STEP 2
660 IF TEST(M,H)THEN GOTO 690
670 P=P+8:NEXT
680 O=O-8:P=XX:NEXT:RETURN
690 FOR K=0 TO 7 STEP 2
700 MOVE P,O-K:DRAW 8,0,2
710 NEXT:GOTO 670
720 PRINT CHR$(22);CHR$(1):X=1:FOR A=1 TO 10:IF V=A THEN PEN
2:LOCATE X,4:PRINT V:X=X+3:ELSE X=X+3
730 NEXT:PEN 1
740 X=1:FOR A=11 TO 20:IF V=A THEN PEN 2:LOCATE X,6:PRINT
V:X=X+3:ELSE X=X+3
750 NEXT:PEN 1
760 X=1:FOR A=21 TO 30:IF A=V THEN PEN 2:LOCATE X,8:PRINT
A:X=X+3:ELSE X=X+3
770 NEXT:PEN 1
780 X=1:FOR A=31 TO 40:IF A=V THEN PEN 2:LOCATE X,10:PRINT
A:X=X+3:ELSE X=X+3
790 NEXT:PEN 1
800 X=1:FOR A=41 TO 50:IF A=V THEN PEN 2:LOCATE X,12:PRINT
A:X=X+3:ELSE X=X+3
810 NEXT:PEN 1
820 X=1:FOR A=51 TO 60:IF A=V THEN PEN 2:LOCATE X,14:PRINT
A:X=X+3:ELSE X=X+3
830 NEXT:PEN 1
840 X=1:FOR A=61 TO 70:IF A=V THEN PEN 2:LOCATE X,16:PRINT
A:X=X+3:ELSE X=X+3
850 NEXT:PEN 1
860 X=1:FOR A=71 TO 80:IF A=V THEN PEN 2:LOCATE X,18:PRINT
A:X=X+3:ELSE X=X+3
870 NEXT:PEN 1
880 X=1:FOR A=81 TO 90:IF A=V THEN PEN 2:LOCATE X,20:PRINT
A:X=X+3:ELSE X=X+3
890 NEXT:PRINT CHR$(22);CHR$(0)
900 PEN 1:PAPER 0:LOCATE 35,18:PRINT"
":PEN#1,1:PAPER#1,0:CLS#1:RETURN
910 IF W=0 AND C>4 THEN 920 ELSE IF W=1 AND C>14 THEN 970
ELSE 470
920 SOUND 7,300,0,10:LOCATE 10,24:PRINT"CANTARAM LINHA":FOR
A=1 TO 5000:NEXT:CLS#3
930 LOCATE 10,24:PRINT"VERIFICAR O CARTAO":FOR A=1 TO

```

```

#*: LOCATE 8,15:PRINT"BANCA":BORDER 1
190 DIM N$(90):DEFINT A-Z:PEN 3:LOCATE 16,20:INPUT PR:CLS
200 WINDOW#1,32,39,4,11:WINDOW#2,1,40,5,21:WINDOW# 3,2,39,
24,24
210 PEN 3:X=1:FOR A=1 TO 10:LOCATE X,4:PRINT A:X=X+3:NEXT A
220 X=1:FOR A=11 TO 20:LOCATE X,6:PRINT A:X=X+3:NEXT
230 X=1:FOR A=21 TO 30:LOCATE X,8:PRINT A:X=X+3:NEXT
240 X=1:FOR A=31 TO 40:LOCATE X,10:PRINT A:X=X+3:NEXT
250 X=1:FOR A=41 TO 50:LOCATE X,12:PRINT A:X=X+3:NEXT
260 X=1:FOR A=51 TO 60:LOCATE X,14:PRINT A:X=X+3:NEXT
270 X=1:FOR A=61 TO 70:LOCATE X,16:PRINT A:X=X+3:NEXT
280 X=1:FOR A=71 TO 80:LOCATE X,18:PRINT A:X=X+3:NEXT
290 X=1:FOR A=81 TO 90:LOCATE X,20:PRINT A:X=X+3:NEXT
300 PLOT 0,360:DRAW 490,360:DRAW 490,70:DRAW 0,70:DRAW 0,360
310 PLOT 495,220:DRAW 639,220:DRAW 639,360:DRAW 495,360:DRAW
495,220
320 RESTORE:FOR J=1 TO 9:READ Y:PLOT 0,Y:DRAW 490,Y:NEXT
330 DATA 330,295,265,235,205,165,135,105,70
340 RESTORE 350:FOR J=1 TO 9:READ X:PLOT X,70:DRAW
X,360:NEXT J
350 DATA 56,105,150,200,248,295,345,392,440
360 DEG:ORIGIN 560,120:FOR A=0 TO 360 STEP 2:MOVE
50,0:Y=50*COS(A):X=50*SIN(A):PLOT X,Y:NEXT
370 DEG:FOR A=0 TO 360 STEP 4:MOVE
50,0:X=30*COS(A):Y=30*SIN(A):PLOT X,Y:NEXT
380 ORIGIN 0,0:PLOT 535,160:DRAW 560,150:DRAW 585,160
390 PLOT 535,80:DRAW 560,90:DRAW 585,80
400 PLOT 606,140:DRAW 592,120:DRAW 606,100
410 PLOT 514,140:DRAW 530,120:DRAW 514,100
420 FOR A=1 TO 4:READ D,B:MOVE D,B:FILL 3:NEXT A
430 DATA 550,150,590,140,520,100,590,100
440 LOCATE 20,1:PRINT"BOLAS EXTRAIDAS"
450 PEN 1:FOR Z=1 TO 10:LOCATE 16,24:PRINT" INICIAR ":FOR
A=1 TO 500:NEXT A:SOUND 1,15
460 LOCATE 16,24:PRINT STRING$(12,32):FOR a=1 TO 500:NEXT
A:NEXT Z:PEN#3,1:PAPER #3,0:CLS#3
470 WHILE INKEY$="" :GOSUB 480:WEND:GOSUB 910
480 C=C+1:IF C=91 THEN STOP
490 REM RANDOMIZE TIME
500 N=INT(RND*90)+1:N$(C)=STR$(N)
510 IF C=1 THEN 550
520 FOR A=1 TO C-1
530 IF N$(A)=N$(C) THEN 500
540 NEXT A
550 PEN 2:LOCATE 34,18:PRINT
CHR$(22);CHR$(1);N$(C);CHR$(22);CHR$(0)
560 SOUND 1,150:LOCATE 35,1:PRINT C
570 X=1:Y=1:IX=438:YY=310

```

```
5000: NEXT: CLS#3: LOCATE 5, 24: PRINT "A LINHA ESTA CORRECTA  
[S/N]"  
940 S$=INKEY$: S$=UPPER$(S$): IF S$="S" THEN 950: ELSE IF S$="N"  
THEN 960 ELSE 940  
950 CLS#3: LOCATE 3, 24: PRINT "ESTA CORRECTO. CONTINUA PARA  
BINGO": FOR A=1 TO 3000: NEXT: W=1: GOTO 470  
960 CLS#3: LOCATE 2, 24: PRINT "NAO ESTA CORRECTO. CONTINUA PARA  
LINHA": FOR A=1 TO 3000: NEXT: GOTO 470  
970 CLS#3: SOUND 7, 500, 0, 10: LOCATE 10, 24: PRINT "CANTARAM  
BINGO": FOR A=1 TO 5000: NEXT: CLS#3  
980 LOCATE 10, 24: PRINT "VERIFICAR O CARTAO": FOR A=1 TO  
5000: NEXT: CLS#3: LOCATE 5, 24: PRINT "O BINGO ESTA CORRECTO  
[S/N]"  
990 S$=INKEY$: S$=UPPER$(S$): IF S$="S" THEN 1010: ELSE IF  
S$="N" THEN 1000 ELSE 990  
1000 CLS#3: LOCATE 2, 24: PRINT "    NAO ESTA CORRECTO. CONTINUA
```

```

PARA BINGO":FOR A=1 TO 3000:NEXT:GOTO 470
1010 CLS:BORDER 13:LOCATE 7,4:PRINT"PARABENS AOS
CONTEMPLADOS"
1020 LOCATE 3,10:PRINT"PREMIO LINHA ..... 30% ";PR#0.3
1030 LOCATE 3,14:PRINT"PREMIO BINGO ..... 70% ";PR#0.7
1040 LOCATE 6,21:PRINT"([CARREGUE NUMA TECLA PARA OUTRA
PARTIDA])"
1050 WHILE INKEY$="":VEND:RUN
1060 CLEAR:MODE 1:WINDOW#4,1,40,8,22:LOCATE 6,3:PRINT"CADA
JOGADOR ESCOLHE UM CARTAO"
1070 DIM T$(15):DIM H$(90):DEFINT A-2
1080 Q=Q+1:GOSUB 2300:GOSUB 1470
1090 RANDOMIZE TIME:FOR A=1 TO 4:VW=1
1100 H=INT(RND*9)+1:H$(A)=STR$(H)
1110 IF A=1 THEN 1330
1120 IF INSTR(S$,H$(A))<>0 THEN 1100
1130 GOTO 1330
1140 S$=S$+H$(A):NEXT A
1150 FOR A=1 TO 4:VW=2
1160 H=INT(RND*18)+1:H$(A)=STR$(H)
1170 IF H<10 THEN 1160
1180 IF A=1 THEN 1330
1190 IF INSTR(S$,H$(A))<>0 THEN 1160
1200 GOTO 1330
1210 S$=S$+H$(A):NEXT A
1220 FOR A=1 TO 4:VW=3
1230 H=INT(RND*27)+1:H$(A)=STR$(H)
1240 IF H<19 THEN 1230
1250 IF A=1 THEN 1330
1260 IF INSTR(S$,H$(A))<>0 THEN 1230
1270 GOTO 1330
1280 S$=S$+H$(A):NEXT A

```

```

1290 LOCATE 7,6:PRINT"CARTAO No. ";Q
1300 LOCATE 8,24:PRINT"DESEJA OUTRO
CARTAO(S/N)":AS=INKEY$:AS=UPPER$(AS)
1310 IF AS="S"THEN 1320 ELSE IF AS="N"THEN CLS:GOTO 100 ELSE
GOTO 1300
1320 LOCATE 8,24:PRINT STRING$(25,32):CLS#4:S$="":GOTO 1080
1330 IF H=1 OR H=10 OR H=19 THEN X=142
1340 IF H=2 OR H=11 OR H=20 THEN X=190
1350 IF H=3 OR H=12 OR H=21 THEN X=238
1360 IF H=4 OR H=13 OR H=22 THEN X=286
1370 IF H=5 OR H=14 OR H=23 THEN X=334
1380 IF H=6 OR H=15 OR H=24 THEN X=382
1390 IF H=7 OR H=16 OR H=25 THEN X=430
1400 IF H=8 OR H=17 OR H=26 THEN X=478
1410 IF H=9 OR H=18 OR H=27 THEN X=526
1420 IF W9=1 THEN J=220:MOVE X,J:FILL 3:GOTO 1140
1430 IF W9=2 THEN J=160:MOVE X,J:FILL 3:GOTO 1210
1440 IF W9=3 THEN J=120:MOVE X,J:FILL 3:GOTO 1280
1450 GOTO 1420
1460 NEXT:LOCATE 16,6:PRINT Q:RETURN
1470 PRINT CHR$(22):CHR$(1):H$="AI":FOR A=1 TO 3
1480 H(A)=INT(RND*9)+1
1490 IF A=1 THEN 1510
1500 IF H(1)=H(2)OR H(1)=H(3)OR H(2)=H(3)THEN 1480
1510 NEXT A:GOSUB 2200:PEN 2
1520 LOCATE 8,10:PRINT H(1)
1530 LOCATE 8,14:PRINT H(2)
1540 LOCATE 8,18:PRINT H(3)
1550 FOR A=1 TO 3
1560 H(A)=INT(RND*19)+1:IF H(A)<10 THEN 1560
1570 IF A=1 THEN 1590
1580 IF H(1)=H(2)OR H(1)=H(3)OR H(2)=H(3)THEN 1560
1590 NEXT A:GOSUB 2200:PEN 2
1600 LOCATE 10,10:PRINT H(1)
1610 LOCATE 10,14:PRINT H(2)
1620 LOCATE 10,18:PRINT H(3)
1630 FOR A=1 TO 3
1640 H(A)=INT(RND*29)+1:IF H(A)<20 THEN 1640
1650 IF A=1 THEN 1670
1660 IF H(1)=H(2)OR H(1)=H(3)OR H(2)=H(3)THEN 1640
1670 NEXT A:GOSUB 2200:PEN 2
1680 LOCATE 13,10:PRINT H(1)
1690 LOCATE 13,14:PRINT H(2)
1700 LOCATE 13,18:PRINT H(3)
1710 FOR A=1 TO 3
1720 H(A)=INT(RND*39)+1:IF H(A)<30 THEN 1720
1730 IF A=1 THEN 1750
1740 IF H(1)=H(2)OR H(1)=H(3)OR H(2)=H(3)THEN 1720
1750 NEXT A:GOSUB 2200:PEN 2
1760 LOCATE 16,10:PRINT H(1)
1770 LOCATE 16,14:PRINT H(2)
1780 LOCATE 16,18:PRINT H(3)
1790 FOR A=1 TO 3
1800 H(A)=INT(RND*49)+1:IF H(A)<40 THEN 1800
1810 IF A=1 THEN 1830
1820 IF H(1)=H(2)OR H(1)=H(3)OR H(2)=H(3)THEN 1800
1830 NEXT A:GOSUB 2200:PEN 2
1840 LOCATE 19,10:PRINT H(1)
1850 LOCATE 19,14:PRINT H(2)
1860 LOCATE 19,18:PRINT H(3)
1870 FOR A=1 TO 3
1880 H(A)=INT(RND*59)+1:IF H(A)<50 THEN 1880
1890 IF A=1 THEN 1910
1900 IF H(1)=H(2)OR H(1)=H(3)OR H(2)=H(3)THEN 1880
1910 NEXT A:GOSUB 2200:PEN 2
1920 LOCATE 22,10:PRINT H(1)
1930 LOCATE 22,14:PRINT H(2)
1940 LOCATE 22,18:PRINT H(3)
1950 FOR A=1 TO 3
1960 H(A)=INT(RND*69)+1:IF H(A)<60 THEN 1960
1970 IF A=1 THEN 1990
1980 IF H(1)=H(2)OR H(1)=H(3)OR H(2)=H(3)THEN 1960
1990 NEXT A:GOSUB 2200:PEN 2
2000 LOCATE 25,10:PRINT H(1)
2010 LOCATE 25,14:PRINT H(2)
2020 LOCATE 25,18:PRINT H(3)
2030 FOR A=1 TO 3
2040 H(A)=INT(RND*79)+1:IF H(A)<70 THEN 2040
2050 IF A=1 THEN 2070
2060 IF H(1)=H(2)OR H(1)=H(3)OR H(2)=H(3)THEN 2040

```

```

2070 NEXT A:GOSUB 2200:PEN 2
2080 LOCATE 28,10:PRINT H(1)
2090 LOCATE 28,14:PRINT H(2)
2100 LOCATE 28,18:PRINT H(3)
2110 FOR A=1 TO 3
2120 H(A)=INT(RND*90)+1:IF H(A)<80 THEN 2120
2130 IF A=1 THEN 2150
2140 IF H(1)=H(2)OR H(1)=H(3)OR H(2)=H(3)THEN 2120
2150 NEXT A:GOSUB 2200:PEN 2
2160 LOCATE 31,10:PRINT H(1)
2170 LOCATE 31,14:PRINT H(2)
2180 LOCATE 31,18:PRINT H(3)
2190 PEN 1:PAPER 0:PRINT CHR$(22);CHR$(0):RETURN
2200 G=0
2210 FOR T=1 TO 2
2220 IF H(T)<=H(T+1)THEN 2270
2230 A=H(T):B=C(T)
2240 H(T)=H(T+1):C(T)=C(T+1)
2250 H(T+1)=A:C(T+1)=B
2260 G=1
2270 NEXT T
2280 IF G=1 THEN 2200
2290 RETURN
2300 PEN 3:B$=CHR$(1)+CHR$(31)
2310 LOCATE 7,8:FOR A=1 TO 28:PRINT B$;:NEXT A
2320 FOR A=1 TO 12:LOCATE 7,8+A:PRINT B$;TAB(34);B$:NEXT A:
2330 LOCATE 7,20:FOR A=1 TO 28:PRINT B$;:NEXT A
2340 PRINT
2350 PLOT 110,152:DRAW 526,152
2360 PLOT 110,216:DRAW 526,216
2370 PLOT 110,96:DRAW 110,272:DRAW 526,272:DRAW 526,96:DRAW
110,96
2380 S=152:FOR A=1 TO 8:PLOT S,96:DRAW S,272:S=S+48:NEXT A
2390 RETURN
2400 CLS:PEN 1:LOCATE 14,2:PRINT"INSTRUCCIONES":LOCATE

```

```

14,3:PRINT"-----"
2410 PEN 2:LOCATE 4,5:PRINT"BEVINDOS AO BINGO, PREPAREM-SE
PARA;" GANHAR DINHEIRO."
2420 LOCATE 4,8:PRINT"O JOGO E IGUAL AO QUE SE PODE JOGAR;"
EM QUALQUER SALA DE BINGO."
2430 LOCATE 4,11:PRINT"NO PROGRAMA CONSTA A OPCAO DE
ESCO-;" LHA DE CARTOES."
2440 LOCATE 4,14:PRINT"TANTO A LINHA COMO O BINGO PODEM
SER;" CONFIRMADOS CARREGANDO NUMA TECLA."
2450 LOCATE 4,17:PRINT"TANTO NA LINHA COMO NO BINGO
CONFIR-;" MA-SE O CARTAO CORRECTO."
2460 LOCATE 4,20:PRINT"CONFIRMA-SE COM UM (S) SE E
CORRECTO;" E UM (N) SE NAO E."
2470 PEN 1:LOCATE 6,24:PRINT"CARREGUE NUMA TECLA PARA
VOLTAR"
2480 CALL &BB18:CLS:GOTO 100
2490 T$="BINGO"
2500 X=1:Y=1:XX=150:YY=258
2510 A=16*(X-1):b=399-(y-1)*16
2520 FOR L=1 TO LEN(T$):A$=MID$(T$,L,1)
2530 SOUND 1,L*30
2540 GOSUB 2570:XX=XX+64
2550 NEXT L
2560 RETURN
2570 P=XX:O=YY
2580 PEN 2:LOCATE X,Y:PRINT A$
2590 FOR N=B TO B+16 STEP -2
2600 FOR M=A TO A+16 STEP 2
2610 IF TEST(M,N)THEN GOSUB 2640
2620 P=P+8:NEXT M
2630 O=O+8:P=XX:NEXT N:RETURN
2640 FOR T=0 TO 7 STEP 2
2650 MOVE P,O-T:DRAW 8,0,1
2660 NEXT T
2670 RETURN

```