

```

1 REM >>>>>> AJEDREZ <<<<<<<<<<
2 REM
10 CALL &BB03:SPEED WRITE 1
500 SYMBOL 240,1,3,29,63,63,57,28,7
510 SYMBOL 241,0,128,56,252,252,156,56,2
24
520 SYMBOL 242,7,7,4,31,16,127,64,127
530 SYMBOL 243,224,224,224,248,120,254,3
0,254
540 SYMBOL 244,1,19,81,91,109,55,27,15
550 SYMBOL 245,128,200,138,218,192,236,2
16,240
560 SYMBOL 246,1,1,7,14,28,28,14,7
570 SYMBOL 247,128,128,224,240,120,120,2
40,224
580 SYMBOL 248,0,0,3,7,15,31,9,3
590 SYMBOL 249,0,192,64,224,176,208,232,
120
600 SYMBOL 250,0,0,25,25,25,31,12,15
610 SYMBOL 251,0,0,152,152,152,248,240,2
40
620 SYMBOL 252,0,0,0,0,0,3,7,7
630 SYMBOL 253,0,0,0,0,0,192,224,224
640 SYMBOL 254,5,4,3,15,8,31,16,31
650 SYMBOL 255,224,224,192,240,112,248,5
6,248
660 PRINT CHR$(23);CHR$(1);
1000 CLEAR:GOSUB 21000
1010 FOR N=1 TO 100

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1020 Z$(N,1)=" "
1030 Z$(N,2)=" "
1040 NEXT N
1100 GOSUB 20000
1110 LOCATE 27,18:PRINT "DESEAS COLOCAR"
1115 LOCATE 27,20:PRINT "UN TABLERO?"

1120 A$=INKEY$:A$=UPPER$(A$)
1130 IF A$="S" THEN GOSUB 30000:IF CHECK
=0 THEN GOTO 1170 ELSE GOTO 1100
1140 IF A$<>"N" THEN GOTO 1120
1150 GOSUB 22000:GOSUB 23000
1170 LOCATE 27,18:PRINT SPC(15);
1180 LOCATE 27,20:PRINT SPC(12);
1190 PRINT CHR$(23):CHR$(1);
1300 COUNT=1
1500 GOSUB 29000
2000 GOTO 1500
20000 INK 0,0 :INK 1,26:INK 2,6:INK 3,3
20290 PRINT #3,"AJEDREZ."
20300 PRINT #3,"-----"
20310 LOCATE #3,2,6:PRINT #3,"DESDE:-"
20320 LOCATE #3,2,9:PRINT #3,"HASTA:-"
20500 RETURN
20980 REM >>>>>INICIALIZAR<<<<<<<<
21000 DIM M$(8,8):DIM X$(8,8)
21010 DIM Z$(100,2)
21020 K$=CHR$(240)+CHR$(241)
21030 K1$=CHR$(242)+CHR$(243)

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21040 Q$=CHR$(244)+CHR$(245)
21050 Q1$=CHR$(242)+CHR$(243)
21060 B$=CHR$(246)+CHR$(247)
21070 B1$=CHR$(242)+CHR$(243)
21080 T$=CHR$(248)+CHR$(249)
21090 T1$=CHR$(242)+CHR$(243)
21100 R$=CHR$(250)+CHR$(251)
21110 R1$=CHR$(242)+CHR$(243)
21120 P$=CHR$(252)+CHR$(253)
21130 P1$=CHR$(254)+CHR$(255)
21250 RETURN
21980 REM >>>>>>COMIENZO DEL JUEGO<<<<<<
22000 FOR N=1 TO 8
22010 FOR M=1 TO 8
22020 M$(N,M)=" "
22025 X$(N,M)=" "
22030 NEXT M
22040 NEXT N
22050 FOR N=1 TO 8
22060 M$(2,N)="F":X$(2,N)="F"
22070 M$(7,N)="p":X$(7,N)="p"
22080 NEXT N
22090 RESTORE 22250
22100 FOR N=1 TO 8
22110 READ A$
22120 M$(1,N)=A$
22125 X$(1,N)=A$
22130 A$=LOWER$(A$)
22140 M$(8,N)=A$
22145 X$(8,N)=A$
22150 NEXT N
22160 FOR N=1 TO 100
22170 Z$(N,1)=" ":Z$(N,2)=" "
22180 NEXT N:RETURN
22250 DATA R,T,B,Q,K,B,T,R
22980 REM <<<<DIBUJO DE LAS PIEZAS<<<<
23000 X=25:Y=390
23010 FOR N=1 TO 8
23020 FOR M=1 TO 3
23030 C$=M$(N,M)
23040 IF C$=" " THEN GOTO 23100
23050 IF C$="a" THEN COL=2 ELSE COL=3
23060 IF TEST(X-2,Y+2)=3 THEN COL=COL XOR 1
23070 PLOT 0,0,COL
23080 MOVE X,Y
23090 GOSUB 23500
23100 PLOT 0,0,0
23110 X=X+48
23120 NEXT M
23130 Y=25:Y=Y-48
23140 NEXT N
23250 RETURN
23490 REM ***** PIEZA *****
23500 C$=UPPER$(C$)
23510 IF C$="K" THEN D$=V$:D1$=K1$
23520 IF C$="Q" THEN D$=Q$:D1$=Q1$
23530 IF C$="B" THEN D$=B$:D1$=B1$
23540 IF C$="T" THEN D$=T$:D1$=T1$
23550 IF C$="R" THEN D$=R$:D1$=R1$
23560 IF C$="P" THEN D$=P$:D1$=P1$
23600 PRINT #2,D$:
23610 MOVE X,Y-16
23620 PRINT #2,D1$:
23750 RETURN

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24055 IF CAS=1 THEN RETURN
24500 N$="":CAS=0
24510 A$=INKEY$
24520 IF A$="Q" THEN GOTO 1000
24522 IF A$="Q" THEN GOSUB 26500
24524 IF CAS=1 THEN RETURN
24525 IF A$="S" THEN GOSUB 31000
24530 IF A$="L" THEN GOSUB 32000
24535 IF A$="#" THEN Z$(COUNT,1)="FF":GO
TO 35000
24540 IF A$="R" THEN GOTO 25500
24545 A$=UPPER$(A$)
24550 IF A$<"A" OR A$>"H" THEN GOTO 2451
0
24555 N$=A$: SOUND 2,150,5,15:PRINT #3,N
$:
24560 A$=INKEY$
24570 IF A$<"1" OR A$>"9" THEN GOTO 2450
0
24580 N$=N$+A$: SOUND 2,150,5,15: PRINT
#3,A$:
24590 RETURN
24980 REM >>>>> MUEVE <<<<<
25000 GOSUB 26000
25030 COUNT=COUNT+1
25040 IF Z$(COUNT,1)="FF" THEN GOTO 3550
0
25080 SOUND 2,300,75,15
25090 RO=S1:CO=S:GOSUB 25200
25100 M$(S1,S)=M$(F1,F)
25110 IF PLAY=1 AND F1=1 AND M$(F1,F)="p
" THEN M$(F1,F)="q"
25120 IF PLAY=2 AND F1=8 AND M$(F1,F)="F
" THEN M$(F1,F)="Q"
25130 RO=S1:CO=S:GOSUB 25200
25140 SOUND 2,100,20,15
25150 RO=F1:CO=F:GOSUB 25200
25160 M$(F1,F)=" "
25170 RETURN
25200 X=25:Y=390
25210 FOR N=1 TO 8
25220 FOR M=1 TO 8
25230 IF N=RO AND M=CO THEN GOSUB 25300
25240 X=X+48
25250 NEXT M
25260 X=25:Y=Y-48
25270 NEXT N
25280 RETURN
25300 C$=M$(N,M)
25310 IF C$=" " THEN RETURN
25320 IF C$<"a" THEN COL=2 ELSE COL=3
25330 IF TEST(X-2,Y+2)=3 THEN COL=COL XOR
1
25340 PLOT 0,0,COL:MOVE X,Y
25350 GOSUB 23500
25360 RETURN
25480 REM
25490 REM ***** RETIRAR PIEZA ****
25500 SOUND 2,300,40,15: SOUND 2,400,50,
15
25510 WINDOW #4,35,40,22,24
25515 PAPER #4,0:PEN #4,1
25520 INPUT #4,"Pieza ",F$
25525 F$=UPPER$(F$)

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25530 S$="A1":GOSUB 26000
25540 GOSUB 23000
25550 M$(F1,F)=" "
25560 Z$(COUNT,1)=F$:Z$(COUNT,2)=F$
25570 COUNT=COUNT+1
25580 IF COUNT=101 THEN COUNT=1
25590 CLS #4
25600 GOSUB 23000
25610 IF PLAY=1 THEN PLAY=2:GOSUB 28000
25620 GOTO 1500
25980 REM >>>>> CONVERTIR <<<<<<<
26000 F=ASC(LEFT$(F$,1))
26010 F=F-64
26020 F1=VAL(RIGHT$(F$,1))
26030 F1=9-F1
26040 S=ASC(LEFT$(S$,1))
26050 S=S-64
26060 S1=VAL(RIGHT$(S$,1))
26070 S1=9-S1
26080 RETURN
26100 F$=CHR$(F+64)+HEX$(9-F1,1)
26130 S$=CHR$(S+64)+HEX$(9-S1,1)
26690 CHECK=0: RETURN
26980 REM >>>>>>>>> VALIDA <<<<<<<<<<<
27000 GOSUB 26000
27010 CHECK=1
27020 C$=M$(F1,F):D$=M$(S1,S)
27030 IF C$=" " THEN RETURN
27040 IF C$>"Z" AND PLAY=2 THEN RETURN
27050 IF C$<"a" AND PLAY=1 THEN RETURN
27055 IF D$=" " THEN GOTO 27100
27060 IF D$>"Z" AND PLAY=1 THEN RETURN
27070 IF D$<"a" AND PLAY=2 THEN RETURN
27100 C$=UPPER$(C$):D$=UPPER$(D$)
27110 IF D$="K" THEN RETURN
27150 IF C$="P" THEN GOTO 27300
27160 IF C$="R" THEN GOTO 27400
27170 IF C$="T" THEN GOTO 27500
27180 IF C$="B" THEN GOTO 27600
27190 IF C$="Q" THEN GOTO 27700
27200 IF C$="K" THEN GOTO 27800
27230 CHECK=0
27240 IF C$="K" OR C$="P" OR C$="T" THEN
RETURN
27250 GOSUB 27900
27260 RETURN
27290 REM * * * * PEON * * *
27300 IF PLAY=1 AND S1>F1 THEN RETURN
27310 IF PLAY=2 AND F1>S1 THEN RETURN
27320 DIS=SGN(S1-F1)*(S1-F1):IF DIS=1 TH
EN GOTO 27375
27330 IF DIS>2 THEN RETURN
27340 IF S<>F THEN RETURN
27350 IF PLAY=2 AND F1=2 AND M$(3,F)=" "
THEN GOTO 27385
27360 IF PLAY=1 AND F1=7 AND M$(6,F)=" "
THEN GOTO 27385
27370 RETURN
27375 IF S=F AND D$=" " THEN GOTO 27385
27377 IF SGN(S-F)*(S-F)=1 AND D$<>" "THE
N GOTO 27385
27380 RETURN
27385 GOTO 27230
27390 REM * * * TORRE * * *
27400 IF F1<>S1 AND F<>S THEN RETURN
27485 GOTO 27230
27490 REM * * * CABALLO * * *

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27500 IF S1=F1+2 AND S=F-1 THEN GOTO 275
80
27510 IF S1=F1+2 AND S=F+1 THEN GOTO 275
80
27520 IF S1=F1-2 AND S=F-1 THEN GOTO 275
80
27530 IF S1=F1-2 AND S=F+1 THEN GOTO 275
80
27540 IF S1=F1+1 AND S=F-2 THEN GOTO 275
80
27550 IF S1=F1+1 AND S=F+2 THEN GOTO 275
80
27560 IF S1=F1-1 AND S=F-2 THEN GOTO 275
80
27570 IF S1=F1-1 AND S=F+2 THEN GOTO 275
80
27575 RETURN
27580 GOTO 27230
27590 REM * * * ALFIL * * *
27600 XD=F-S:XD=SGN(XD)*XD
27610 YD=F1-S1:YD=SGN(YD)*YD
27620 IF XD<>YD THEN RETURN
27685 GOTO 27230
27690 REM * * * REINA * * *
27700 XD=F-S:XD=SGN(XD)*XD
27710 YD=F1-S1:YD=SGN(YD)*YD
27720 IF XD=YD THEN GOTO 27785
27730 IF F1<>S1 AND F<>S THEN RETURN
27785 GOTO 27230
27790 REM * * * REY * * *
27800 IF SGN(F1-S1)*(F1-S1)<>1 AND SGN(F
-S)*(F-S)<>1 THEN RETURN
27885 GOTO 27230
27890 REM * * * CONTROL DE MOVIMIENTO *
*
27900 ND=0:MD=0
27910 IF F1>S1 THEN ND=-1
27915 IF S1>F1 THEN ND=1
27920 IF F>S THEN MD=-1
27925 IF S>F THEN MD=1
27930 CN=F1:CM=F
27940 CN=CN+ND:CM=CM+MD
27950 IF CN=S1 AND CM=S THEN RETURN
27960 IF M$(CN,CM)<>" " THEN CHECK=1:RET
URN
27970 GOTO 27940
27980 REM >>>>>>> CAMBIAR <<<<<<<<
28000 GOSUB 24000
28005 LOCATE #3,1,11:PRINT #3,"
"
28010 IF CAS=1 THEN GOSUB 26540 ELSE G
OSUB 27000
28020 IF CHECK=0 THEN GOTO 28050
28030 LOCATE #3,1,11:PRINT #3," MOVIMIEN
TO NO VALIDO"
28040 SOUND 2,500,40,15,0,0,20:GOTO 2800
0
28050 IF K=1 THEN GOTO 28090
28055 Z$(COUNT,1)=F$
28060 Z$(COUNT,2)=S$
28070 COUNT=COUNT+1:IF COUNT=101 THEN CO
UNT=1
28080 GOSUB 25000
28090 RETURN
28980 REM >>>>> AMBOS JUGADORES <<<<<<<
29000 PLAY=1
29010 GOSUB 28000

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29020 PLAY=2
29030 GOSUB 28000
29040 RETURN
29980 REM >>> JUGADA PRE-ESTABLECIDA <<
30000 X=25:Y=390
30010 FOR N=1 TO 2
30020 FOR M=1 TO 2
30030 SOUND 2.250,20,15
30040 M$(N,M)=" ":X$(N,M)=" "
30050 GOSUB 30500
30130 PLOT 0,0,0
30140 X=X+48
30150 NEXT M
30160 X=25:Y=Y-48
30170 NEXT N
30180 LOCATE 27,19:PRINT "ESTA BIEN ?
"
30190 LOCATE 27,20:PRINT SPC(14)
30200 A$=INKEY$:A$=UPPER$(A$)
30210 IF A$="E" THEN CHECK=0:RETURN
30220 IF A$="N" THEN CHECK=1:RETURN
30230 GOTO 30200
30490 REM * * * * INTRODUCIR * * *
30500 PLOT 0,0,2
30510 MOVE X,Y:PRINT #2,"?";
30520 D$=INKEY$:D$=UPPER$(D$)
30522 IF D$="" THEN GOTO 30520
30525 GOSUB 35600
30530 IF D$="" THEN GOTO 30520
30535 C$=UPPER$(D$)
30540 PLOT 0,0,2
30550 MOVE X,Y:PRINT #2,"?";
30560 IF C$<>"R" AND C$<>"N" AND C$<>"B"
AND C$<>"Q" AND C$<>"K" AND C$<>"P" THE
N RETURN
30570 SOUND 2.100,20,15
30580 IF D$="n" THEN D$="t"
30590 IF D$="N" THEN D$="T"
30600 M$(N,M)=D$
30605 X$(N,M)=D$
30610 C$=D$
30620 IF C$<"a" THEN COL=2 ELSE COL=3
30630 IF TEST(X-2,Y+2)=3 THEN COL=COL XOR
1
30640 PLOT 0,0,COL
30650 MOVE X,Y
30660 GOSUB 23500
30670 RETURN
31040 G$=G$+M$(N,M)+X$(N,M)
32010 OPENIN "IAJEDREZ"

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32050 M$(N,M)=LEFT$(G$,1):X$(N,M)=MID$(G$,2,1)
32060 G$=RIGHT$(G$,LEN(G$)-2)
34980 REM >>>>>> VOLVER A JUGAR <<<<<<
35000 COUNT=0:PLAY=1
35010 FOR N=1 TO 8:FOR M=1 TO 8
35015 M$(N,M)=X$(N,M)
35020 NEXT M:NEXT N
35025 GOSUB 20000:GOSUB 23000
35030 COUNT=COUNT+1
35040 IF Z$(COUNT,1)="FF" THEN GOTO 35500
35050 F$=Z$(COUNT,1):S$=Z$(COUNT,2)
35060 GOSUB 26000:GOSUB 25000
35070 COUNT=COUNT+1
35075 IF Z$(COUNT,1)="CC" THEN GOTO 35030
35080 A$=INKEY$
35090 IF A$="" THEN GOTO 35080
35095 PLAY=2
35100 IF A$="#" THEN GOTO 35500
35110 IF Z$(COUNT,1)="FF" THEN GOTO 35500
35120 F$=Z$(COUNT,1):S$=Z$(COUNT,2)
35130 GOSUB 26000:GOSUB 25000
35135 IF Z$(COUNT+1,1)="CC" THEN COUNT=COUNT+2:GOTO 35110
35140 A$=INKEY$
35150 IF A$="" THEN GOTO 35140
35155 PLAY=1
35160 IF A$="#" THEN GOTO 35500
35170 GOTO 35030
35500 IF PLAY=1 THEN GOTO 1500
35510 GOSUB 28000:GOTO 1500
35555 IF C$="Z" THEN RETURN
35600 REM>>>>TRADUCE A CASTELLANO <<<<
35610 IF D$="A" THEN D$="B":RETURN
35620 IF D$="a" THEN D$="b":RETURN
35630 IF D$="T" THEN D$="R":RETURN
35640 IF D$="t" THEN D$="r":RETURN
35650 IF D$="C" THEN D$="N":RETURN
35660 IF D$="c" THEN D$="n":RETURN
35670 IF D$="R" THEN D$="K":RETURN
35680 IF D$="r" THEN D$="k":RETURN
35690 IF D$="D" THEN D$="Q":RETURN
35695 IF D$="d" THEN D$="q":RETURN
35700 IF D$="F" THEN D$="P":RETURN
35710 IF D$="p" THEN D$="p":RETURN
35720 D$="I":RETURN

```

[illegible]

```

31010 G$="":SOUND 2,200,20,15:SOUND 2,
      100,40,15
31020 FOR N=1 TO 8
31030 FOR M=1 TO 8
31050 NEXT M
31060 NEXT N
31065 H$="":I$=""
31070 FOR N=1 TO 100
31080 H$=H$+Z$(N,1)
31085 I$=I$+Z$(N,2)
31090 NEXT N
31100 H$=H$+STR$(COUNT)
31120 PRINT #9,G$
31130 PRINT #9,H$
31140 PRINT #9,I$
31150 CLOSEOUT
31160 SOUND 2,200,20,15:SOUND 2,100,40,15
31200 RETURN
31980 REM >>>>>>>>>CARGAR<<<<<<<<<<
32000 G$="":SOUND 2,200,20,15:SOUND 2,
      200,40,15
32015 LINE INPUT #9,G$
32020 LINE INPUT #9,H$
32025 LINE INPUT #9,I$
32030 CLOSEIN
32035 FOR N=1 TO 8
32040 FOR M=1 TO 8
32070 NEXT M
32080 NEXT N
32090 FOR N=1 TO 100
32100 Z$(N,1)=LEFT$(H$,2)
32110 H$=RIGHT$(H$,LEN(H$)-2)
32120 Z$(N,2)=LEFT$(I$,2)
32125 I$=RIGHT$(I$,LEN(I$)-2)
32130 NEXT N
32140 COUNT=VAL(H$)
32150 SOUND 2,200,20,15:SOUND 2,200,40,15
32160 GOSUB 20000
32170 GOSUB 23000
32180 LOCATE #3,10,6
32200 RETURN

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