

CONNECT FOUR

Note: *Indicates Multiplication

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8 Z=0;Q=0
10 FOR A=1 TO 108;@(A)=0;NEXT A
13 NT=0
20 CLEAR;BC=7;FC=100
25 &(9)=92
26 &(0)=126;&(1)=126;&(2)=20;&(3)=20
30 GOSUB 100
40 BC=126;FC=98
50 P=1
55 CY=-32
60 PRINT "#",#1,P,"ENTER 2 POINTS",#1,
65 INPUT "":"D
67 CX=49;CY=-32
68 INPUT "","E
75 CY=-32;PRINT "(26 SPACES)      "
80 CY=-32
90 INPUT "IS MOVE LEGAL (1=Y,2=N)?" L
91 CY=-32;PRINT "(26 SPACES)      "
93 IF L=2 GOTO 55
95 GOTO 180
100 A=1;B=2;Y=40
103 FOR V=1 TO 9
105 X=-60
110 FOR H=1 TO 6
120 @(A)=X;@(B)=Y
130 BOX X,Y,2,2,1
140 X=X+15
145 A=A+2;B=B+2
150 NEXT H
155 CX=X;CY=Y
156 PRINT #4,V*6
157 Y=Y-8
160 NEXT V
170 RETURN
180 X=D*2-1;Y=X+1
190 LINE @(X),@(Y),4
200 V=E*2-1;W=V+1
210 LINE @(V),@(W),1
220 CY=-32
230 INPUT "ANY BOX(1=Y,2=N)?"C
235 CY=-32;PRINT "(26 SPACES)      "
240 IF C=1 GOTO 280
250 P=P+1
260 IF P>2 P=1
270 GOTO 55
275 .BOX
280 CY=-32
290 INPUT "LOWEST NO. OF BOX?"C
292 IF C<1 GOTO 280
293 IF C>47 GOTO 280
295 CY=-32;PRINT "(26 SPACES)      "
300 CX=55
306 CY=-32
340 X=C*2-1;Y=X+1
360 BOX @(X)+8,@(Y)-5,16,10,1

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380 CX=@(X)+5;CY=@(Y)-5
390 PRINT #1,P
400 IF P=2 GOTO 430
410 Z=Z+1
420 GOTO 440
430 Q=Q+1
440 CX=-80;CY=-32
-450 INPUT "IS THAT GAME(1=Y,2=N)?"C
455 CY=-32;PRINT "(26 SPACES)      "
460 IF C=2 GOTO 55
465 IF C#1 GOTO 440
470 CX=-70;CY=-32
-475 PRINT "(26 SPACES)      "
477 CX=-70;CY=-32
479 &(9)=120
480 PRINT "SCORE: #1",#3,Z,"      #2",#3,Q
490 IF Q>Z GOTO 520
500 PRINT "PLAYER #1 WINS!",
510 GOTO 530
520 PRINT "PLAYER #2 WINS!",
530 NT=3
535 K=KP
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