

SIMON: One player, Hand Controller

The computer shows you a pattern that you have to repeat, using joy stick controls.

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1 .SIMON
2 .BY BRETT BILBRAY
3 .AND JOE BORRELLO
10 CLEAR; &(0)=7; &(1)=7; &(2)=0
; &(3)=0; &(9)=30; NT=0; CX=47
; CY=-20; PRINT "SCORE:";
NT=30
20 BOX 0, 20, 22, 22, 1; BOX 0, 20,
20, 20, 2
30 BOX 0, -20, 22, 22, 1; BOX 0,
-20, 20, 20, 2
40 BOX 20, 0, 22, 22, 1; BOX 20, 0,
20, 20, 2
50 BOX -20, 0, 22, 22, 1; BOX -20, 0,
20, 20, 2
60 A=A+1; @(A)=RN(4)
70 FOR X=1 TO A; IF@(X)=1
GOSUB 130; GOTO 110
80 IF@(X)=2 GOSUB 200;
GOTO 110
90 IF@(X)=3 GOSUB 300;
GOTO 110
100 GOSUB 400; GOTO 110
110 NEXT X; FC=0; FOR X=1 TO A
120 B=JX(1); C=JY(1); IF B=0 IF
C=0 GOTO 120
130 IF B#0 D=(1+B)/2+3
140 IF C#0 D=(1-C)/2+1
150 IF D#@(X) NT=55; MU=33; MU=48
; MU=48; NT=3; FC=0; FOR X=1 TO A
500; NEXT X; GOTO 100
160 GOSUB D+100; GOTO 170
170 FC=0; NEXT X
180 CX=23; CY=-30; NT=0; PRINT A;
NT=30
190 FOR O=1 TO 500; NEXT O;
GOTO 60
1000 FC=44; BOX 0, 20, 20, 20, 1; MU=
49; FOR O=1 TO 255-2*A; NEXT O
; BOX 0, 20, 20, 20, 2; RETURN
2000 FC=204; BOX 0, -20, 20, 20, 1;
MU=51; FOR O=1 TO 255-2*A;
NEXT O; BOX 0, -20, 20, 20, 2;
RETURN
3000 FC=252; BOX -20, 0, 20, 20, 1; MU
=53; FOR O=1 TO 255-2*A; NEXT
O; BOX -20, 0, 20, 20, 2; RETURN
4000 FC=134; BOX 20, 0, 20, 20, 1; MU=
55; FOR O=1 TO 255-2*A; NEXT O
; BOX 20, 0, 20, 20, 2; RETURN

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(Changes copied from page 45)

SIMON CORRECTIONS: Make the following changes in the program:  
Revise line 10 CLEAR; &(0)=7; &(1)=7; &(2)=0; &(3)=0; &(9)=30;  
NT=0; CX=47; CY=20; PRINT "SIMON"; B=7; A=0; CX=47;  
CY=-20; PRINT "SCORE:"; NT=5

Delete lines 70, 80, 90, 100, 160, 170

Add lines 70 FOR X=1 TO A  
80 GOSUB @(X)\*1000  
155 IF D=1 GOSUB 1000; GOTO 170  
160 IF D=2 GOSUB 2000; GOTO 170  
164 IF D=3 GOSUB 3000; GOTO 170  
166 GOSUB 4000

Revise line 150 IF D#@(X) NT=55; MU=33; MU=48; MU=48; NT=3;  
FC=0; GOTO 10

In lines 1000, 2000, 3000, 4000 delete the -2xA after 1 TO 255

(Changes from Page 77)

SIMON corrections of p. 45 have an inadvertent error of mine in that I added three GOTO 170 statements and then deleted 170 ! It should be retained 170 FC=0; NEXT X