

Flipping Bits Game for fx-50FH II and fx-3650P II 381 bytes

ClrMemory:

Fix 0:

$9^{-1}(\epsilon 9-1 \rightarrow M$:

For 0 \rightarrow C To 8:

$7_{10}^{(C)} \text{Rnd}(\text{Ran}\#M+$:

Next:

M \rightarrow A:

A \rightarrow B:

Lbl 0:

D=0 \Rightarrow A=B \Rightarrow -2 \rightarrow D:

D<0 \Rightarrow Goto 2:

D▲

For 0 \rightarrow C To 6 Step 3:

$\text{Rnd}(A_{10}^{(-C)-.5}) - \epsilon 3 \text{Rnd}(A_{10}^{(-C-3)-.5}) \blacktriangle$

Next:

For 0 \rightarrow C To 6 Step 3:

$\text{Rnd}(B_{10}^{(-C)-.5}) - \epsilon 3 \text{Rnd}(B_{10}^{(-C-3)-.5}) \blacktriangle$

Next:

A=B \Rightarrow Goto 4:

Lbl 2:

0 \rightarrow X:

0 \rightarrow Y:

If D<0:

Then $\text{Rnd}(\text{Ran}\# \Rightarrow \text{Rnd}(3\text{Ran}\#+.5 \rightarrow X$:

$\text{Rnd}(3\text{Ran}\#+.5 \rightarrow Y$:

Else ? \rightarrow X:

X \neq $\text{Rnd}(X \Rightarrow$ Goto 2:

$\text{Rnd}(5^{-1}X-.3 \Rightarrow$ Goto 2:

Lbl 3:

? \rightarrow Y:

Y \neq $\text{Rnd}(Y \Rightarrow$ Goto 3:

$\text{Rnd}(5^{-1}Y-.3 \Rightarrow$ Goto 3:

XY+(X+Y=0 \Rightarrow Goto 2:

IfEnd:

If X:

Then MM-:

For 3-X->C To 9-X Step 3:

$10^C(\text{Rnd}(A_{10}^{-C})-.5)-10\text{Rnd}(A_{10}^{-C-1})-.5M+$:

Next:

$A-2M+111^{-1}10^{(3-X)}(\epsilon 9-1 \rightarrow A$:

Else $\text{Rnd}(A_{10}^{(3-3Y)})-.5)-\epsilon 3\text{Rnd}(A_{10}^{-3Y})-.5$:

$A-(2\text{Ans}-999)10^{(3Y-3)} \rightarrow A$:

IfEnd:

D+1->D:

Goto 0:

Lbl 4:

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