

1
A

Loop out-put 1

CLS

LET A = 5

LET B = 8

For I = 1 To 5

LET A = BA * B

LET B = A + B

Print "A = " ; A

Print "B = " ; B - 2

Next I

Print "value of I = " ; I

End

B

"Loop output 2"

CLS

LET A = 5

For I = 5 To 10 Step 4

LET C = NOT

LET B = A \ 5 + 1

LET A = B MOD 3 - 2

LET I = I + 2

Print "A = " ; A

Print "B = " ; B

Print "C = " ; C

Next I

Print "value of I = " ; I

End

A	B	C	I
5	3	1	
8	9	2	
17	24	3	
41	63	6	
109	165	15	
269	432	30	
		84	
		128	
		Output	
		A = 8	
		B = 9	
		A = 17	
		B = 24	
		A = 41	
		B = 63	
		A = 104	
		B = 165	

A	B	C	I
5	0	0	-5
4	2	-6	13
3	1	-7	1
3	2	-5	3
		9	
		3	

C. "Loop output 2"

CLS
LET A = 3
LET B = 4

$$C = 5 / 3 - 4 \bmod 7 * 2$$

Print C

If $A + B - C > B$ Then

$$B = B + A - C / 2$$

End If

If $B - A + 2 \neq C$ OR $C \bmod A > 2$ Then

$$A = C + A \bmod 3$$

End If

$$C = A \bmod 3$$

Print " $A =$ " , A

Print " $B =$ " , B

A	B	C
3	4	-3
-5	9	16

D. 'Loop output 5'

$$LET A = 5 / 2 + 2 / 3 - 2$$

Print A

For I = 9 To 2 Step 3

$$B = A + B - I$$

If $A > B$ OR $B \leq 5$ Then

$$I = I - 2$$

Print " $A =$ " , A

End If

If $B + 3 \geq A + 5$ Then

$$A = I \bmod 4$$

Print " $B =$ " , B

Print " $I =$ " , I

End If

Next I

A	B	C
0.5	0	9
3	15	7
2	-9.5	4
-3	-6.5	2
		-1
		-3
		-6

{ Print a Line of
sum of A and I =
Not (I = A)
End

R&M Multiplication

CLS

2 Input "Enter a no" N
If ($N <= 0$) Then Goto 2

For I = 1 To 10

$B = N * I$

Print N, "X", I, " 2^I ", B

Next I

End

0, 1, 1, 2, 3, 5, 8 with term

R&M Fibonacci

CLS

1 Input "Enter last term" N

If ($N <= 0$) or ($N > Int (N)$) Then Goto 1

For I = 1 To N

Print a, ";"

$a = a + b$

$b = a - b$

Next I

End

A	B	I	N
0	1	1	5
1	0	2	
1	1	3	
2	1	4	
3	2	5	
5	3	6	