

```
110 REM ===== FIBONACCI =====
120 A:
130 INPUT "Rank ?";RANK
140 IF RANK > 49 GOTO A
150 LET WIDTH = 0
160 LET LENGTH = 1
170 FOR I=1 TO RANK-1
180   LET RESERV = LENGTH + WIDTH
190   LET WIDTH = LENGTH
200   LET LENGTH = RESERV
210 NEXT I
220 GOSUB DASHES
230 PRINT "N ";RANK
240 PRINT "F(N)";LENGTH
250 GOSUB DASHES
260 PRINT
270 STOP
280 B:
290 LET RANK = RANK + 1
300 GOTO 140
310 DASHES:
320   PRINT "-----"
330 RETURN
340 END
```

