

```

100 REM ===== CALCULATION OF E =====
110 E:
120 GOSUB DASHES
130 PRINT "  CALCULATION OF E  "
140 GOSUB DASHES
150 LET A = 1
160 AGAIN:
170 GOSUB FACTN
180 PRINT A, E
190 GOSUB DASHES
200 STOP
210 A:
220 LET A = A + 1
230 GOTO AGAIN
240 REM ===== CALCULATION =====
250 FACTN:
260   LET E = 1
270   FOR I=1 TO A
280     LET FACT = 1
290     FOR J=1 TO I
300       LET FACT = FACT * J
310     NEXT J
320     LET E = E + 1 / FACT
330   NEXT I
340 RETURN
350 REM ===== LINE OF EQUALS =====
360 DASHES:
370   PRINT "===== "
380 RETURN
390 END

```

