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100 REM ===== PASCAL'S TRIANGLE =====
110 A:
120 GOSUB Dashes
130 PRINT " PASCAL'S TRIANGLE  "
140 GOSUB Dashes
150 INPUT "n ?";N
160 PRINT "n  ";N
170 GOSUB Dashes
180 LET M = N
190 GOSUB Fact
200 LET G = F
210 FOR K = 0 TO N
220     LET M = N - K
230     GOSUB Fact
240     LET R = G / F
250     LET M = K
260     GOSUB Fact
270     LET R = R / F
280     PRINT " ";INT(R + .5)
290 NEXT K
300 GOSUB Dashes
310 PRINT
320 END
330 Fact:
340 LET F = 1
350 IF M = 0 THEN GOTO FactEnd
360 FOR X = M TO 1 STEP -1
370     LET F = F * X
380 NEXT X
390 FactEnd:
400 RETURN
410 Dashes:
420 PRINT "-----"
430 RETURN
440 END

```

