



Practice &gt; Python &gt; Math &gt; Triangle Quest

# Triangle Quest ☆

83/115 challenges solved

Rank: 3198 | Points: 1605 !



Your Triangle Quest submission got 20.00 points.

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## Submissions

## Leaderboard

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## Editorial

You are given a positive integer  $N$ . Print a numerical triangle of height  $N - 1$  like the one below:

```
1
22
333
4444
55555
.....
```

Can you do it using only **arithmetic operations, a single *for* loop and print statement?**

Use no more than two lines. The first line (the *for* statement) is already written for you. You have to complete the print statement.

**Note:** Using anything related to strings will give a score of 0.

**Input Format**

A single line containing integer,  $N$ .

**Constraints**

$$1 \leq N \leq 9$$

**Output Format**

Print  $N - 1$  lines as explained above.

**Sample Input**

```
5
```

**Sample Output**

```
1
22
333
4444
```

**Solved score:** 20.00pts

Author

shashank21j

Difficulty

Medium

Max Score

20

Submitted By

28827

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Current Buffer (saved locally, editable)



Python 3



```
1 for i in range(1,int(input())):  
2     print(10**i//9*i)
```

Line: 2 Col: 22

[Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code



You have earned 20.00 points!  
83/115 challenges solved.

72%

## Congratulations

You solved this challenge. Would you like to challenge your friends?

[Next Challenge](#)[✔ Testcase 0](#)[✔ Testcase 1](#)[✔ Testcase 2](#)

Input (stdin)

[Download](#)

Expected Output

[Download](#)

5

```
1  
22  
333  
4444
```

Compiler Message

**Success**