

Triangle Quest 2

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Problem

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You are given a positive integer N .

Your task is to print a palindromic triangle of size N .

For example, a palindromic triangle of size **5** is:

```
1
121
12321
1234321
123454321
```

You can't take more than two lines. The first line (a for-statement) is already written for you.

You have to complete the code using exactly one print statement.

Note:

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

Using more than one for-statement will give a score of **0**.

Input Format

A single line of input containing the integer N .

Constraints

- $0 < N < 10$

Output Format

Print the palindromic triangle of size N as explained above.

Sample Input

```
5
```

Sample Output

```
1
121
12321
1234321
123454321
```

Author

[deleted]

Difficulty

Medium

Cutoff Score

10.00

Max Score

20

Submitted By

52570

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```
1
2 for i in range(1,int(input()+1):
3     print(int((10**i-1)/9)**2)
4
```

Line: 4 Col: 1

Upload Code as File

Run Code

Submit Code

Test against custom input

Python

You have earned 20.00 points!

31/115 challenges solved.

27%

Congratulations

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

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Next Challenge

Test case 0

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Compiler Message

Success

Input (stdin)

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Expected Output

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```
1 1
2 121
3 12321
4 1234321
5 123454321
```