

Problem

Check [Tutorial](#) tab to know how to solve.

**Task**

The provided code stub reads and integer, `n`, from STDIN. For all non-negative integers `i`  $\leq n$ , print `i2`.

**Example**

Submissions

The list of non-negative integers that are less than `n` is `0 1 2 3 4`.  
Print the square of each number on a separate line.

Leaderboard

**Input Format**

The first and only line contains the integer, `n`.

**Constraints**

Discussions

**Output Format**

Print `n + 1` lines, one corresponding to each `i`.

**Sample Input 0**

Editorial

**Sample Output 0**

0  
1  
4  
9  
16

Tutorial

Change Theme Language Python 3

```
1 if __name__ == '__main__':
2     n = int(input()) # Input the integer n
3     i = 0 # Initialize i
4
5     while i < n: # Loop until i is less than n
6         print(i * i) # Print the square of i
7         i += 1 # Increment i by 1
8
9
```

Line: 8 Col: 1

Upload Code as File

Run Code

Submit Code

☐ Test against custom input

You have earned 10.00 points!

You are now 25 points away from the 2nd star for your python badge.  
29% 45/70



### Congratulations

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

Next Challenge

Test case 0

Compiler Message

Test case 1

Success

Input (stdin)

Download

```
1 | 5
```

Expected Output

Download

```
1 | 0
2 | 1
3 | 4
4 | 9
```