

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

Task

The provided code stub reads and integer, *n*, from STDIN. For all non-negative integers *i* < *n*, print *i*².

Example

n = 3

The list of non-negative integers that are less than *n* = 3 is [0, 1, 2].

Print the square of each number on a separate line.

0
1
4

Input Format

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

Constraints

1 ≤ *n* ≤ 20

Output Format

Print *n* lines, one corresponding to each *i*.

Sample Input 0

5

Sample Output 0

0
1
4
9
16

Change Theme

Language

Python 3



```
1  if __name__ == '__main__':  
2      n = int(input())  
3  
4  for i in range(0,n):  
5      print(i**2)  
6
```

Line: 6 Col: 1

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Test against custom input