**Loops**

https://d3keuzeb2crhkn.cloudfront.net/s3_pub/hr-avatars/38d0c24c-526e-4ea8-84b2-beb09b6df74e/150x150.png**by**[**shashank21j**](https://www.hackerrank.com/shashank21j)

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**Task**   
Read an integer . For all non-negative integers , print . See the sample for details.

**Input Format**

The first and only line contains the integer, .

**Constraints**

**Output Format**

Print  lines, one corresponding to each .

**Sample Input**

5

**Sample Output**

0

1

4

9

16

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n = int(raw\_input())

for i in range(0, n):

print i\*i