**Large Factorial**

[array](http://www.practice.geeksforgeeks.org/tag-page.php?tag=array&isCmp=0)[maths](http://www.practice.geeksforgeeks.org/tag-page.php?tag=maths&isCmp=0)

Calculate the factorial for a given number.

**Input:**  
The first line contains an integer 'T' denoting the total number of test cases. In each test cases, it contains an integer 'N'.

**Output:**  
In each seperate line output the answer to the problem.

**Constraints:**  
1<=T<=101  
0<=N<=100

**Example:**  
Input:  
1  
1

Output:  
1

\*\*For More Examples Use Expected Output\*\*

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=186>

t = int(raw\_input())

for i in range(0,t):

N = int(raw\_input())

#print N

f = 1

for i in range(2, N + 1):

f \*= i

print f