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https://www.spoj.com/problems/FCTRL2/

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Input

An integer t, 1<=t<=100, denoting the number of testcases, followed by t lines, each containing a single integer n, 1<=n<=100.

Output

For each integer n given at input, display a line with the value of n!

Example

Sample input:

4

1

2

5

3

Sample output:

1

2

120

6

```python
def fact(num):
    for i in range(2, num):
        num = num * i
    return num

list = []

howManyTimes = int(input())

for i in range(howManyTimes):
    num = int(input())
    list.append(num)

for i in list:
    print(fact(i))
```