

# Small factorials

Problem Code: **FCTRL2**

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You are asked to calculate factorials of some small positive integers.

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## Input

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

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## Output

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

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## Example

Sample input:

4

1

2

5

3

Sample output:

1

2

120

6