

Problem AE. Small Factorial

Time limit 1000 ms
Code length Limit 50000 B
OS Linux

Write a program to find the factorial value of any number entered by the user.

Input Format

The first line contains an integer **T**, the total number of testcases. Then **T** lines follow, each line contains an integer **N**.

Output Format

For each test case, display the factorial of the given number **N** in a new line.

Constraints

- $1 \leq T \leq 1000$
- $0 \leq N \leq 20$

Sample 1

Input	Output
3	6
3	24
4	120
5	