

Factorial of a Number !

Problem Statement

Ritika is solving problems related to permutations and combinations. For that, she often needs to calculate the factorial of a number.

Your task is to write a program that takes an integer **N** and prints its factorial.

Input Format

- A single integer **N**, representing the number.

Output Format

- Print a single integer, the factorial of **N**.

Sample Input 0

7

Sample Output 0

5040