Factorial Calculation

Problem Description

Objective: Write a function to calculate the factorial of a given number.

Task:

- Write a Python function that takes one integer parameter `n` and returns the factorial of `n`.

- Write a script to read the input from the console and print the output.

Input Format:

- `n` (int): The integer number whose factorial is to be calculated.

Output Format:

- The factorial of the given integer.

Sample Input:

5

Sample Output:

120