

Day 1: Functions



Objective

Today, we're discussing JavaScript *functions*. Check out the attached tutorial for more details.

Task

Implement a function named *factorial* that has one parameter: an integer, n . It must return the value of $n!$ (i.e., n factorial).

Input Format

Locked stub code in the editor reads a single integer, n , from stdin and passes it to a function named *factorial*.

Constraints

- $1 \leq n \leq 10$

Output Format

The function must return the value of $n!$.

Sample Input 0

4

Sample Output 0

24

Explanation 0

We return the value of $4! = 4 \times 3 \times 2 \times 1 = 24$.