

# Experiment 03 - Exercise 01: Factorial

Tofik Ali

February 14, 2026

## Objective

Compute the factorial of a non-negative integer.

## Input

An integer `n`.

## Output

Factorial of `n` or an error message for negatives.

## Approach

Initialize `fact=1` and multiply from 2 to `n`.

## Time Complexity

$O(n)$ .