https://panchalprogrammingacademy.github.io/course-problem-deck/#/problem/5fb26c18d1131200176fe5ae

Factorial

85 POINTS

Given a non-negative integer N find the value of N!
Note that N! = 1 x 2 x 3 x ... x N i.e. product of first N natural numbers.

Input format:
A single line of input containing the value of N

Output format:
A single integer denoting the value of N!

Constraints:
(i) $0 \leq N \leq 20$

Test Case - 1
5
5! = 120

Test Case - 2
10
10! = 3628800

Test Case - 3
0
0! = 1

NOTE:
(i) Please note the bounds the input.

Problem tags:

THE COMPLETE C COURSE   EASY   LOOPS