

**Problem statement**[Send feedback](#)

Write a program to find the factorial of a number.

Factorial of n is:

$$n! = n * (n-1) * (n-2) * (n-3) \dots * 1$$

Output the factorial of 'n'. If it does not exist, output 'Error'.

**Detailed explanation** ( Input/output format, Notes, Images )

**Constraints:**

$$-10 \leq n \leq 12$$

**Sample Input 1 :**

5

**Sample Output 1 :**

120

**Explanation of Sample Input 1:**

$$5! = 5 * 4 * 3 * 2 * 1 = 120$$

**Sample Input 2 :**

0

**Sample Output 2 :**

1

**Explanation of Sample Input 2:**

It's a fact that  $0! = 1$

**Sample Input 3 :**

-2

**Sample Output 3 :**

Error

**Explanation of Sample Input 3:**

It's a fact that we can't find the factorial of a negative number.