

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.

