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Factorial Of Number

Easy

Accuracy: 62.28%

Submissions: 44K+

Points: 2

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Given a positive integer N. The task is to find factorial of N.

Example 1:

Input:

N = 4

Output: 24

Explanation: 4! = 4 * 3 * 2 * 1 = 24

Example 2:

Input:

N = 13

Output: 6227020800

Explanation: 13! = 13 * 12 * .. * 1 = 6227020800

Python3

Average Time: 10m

Start Timer

1

2

3

4

5

6

7

8

9

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11

12

13

14

15

16

17

18

19

20

} Driver Code Ends

#User function Template for python3

class Solution:

#You need to complete this function

def factorial(self,N):

#Your code here

if N == 0:

return 1

else:

return N * self.factorial(N-1)

} Driver Code Ends

Custom Input

Compile & Run

Submit