

# LP\_Practice\_nFactorial

Sasi | 07 Feb 2023



Finish State: Normal

Test Taken on: February 07, 2023 07:59:26 PM IST



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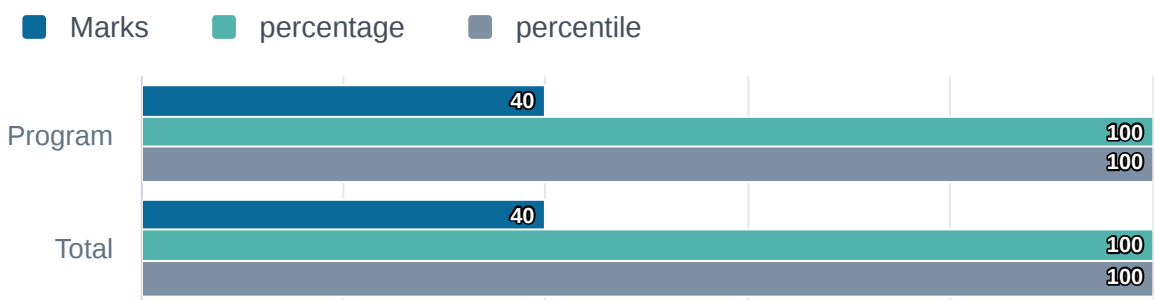
Overall Summary

40 Marks Scored  
out of 40

100 % 100 percentile  
out of 48762 Test Takers

2m 33s Time taken  
of 1hr 5mins

Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).



This shows the correctness of questions attempted by the test taker

Correct	1 Ques	40/40 Marks
Incorrect	0 Ques	0/0 Marks
Partially Correct	0 Ques	0/0 Marks
Not Attempted	0 Ques	0/0 Marks

Section-Wise Details

▼ Section 1 Program	question(s) 1 Q.	Time taken 2m 33s (Untimed)	Marks Scored 40 / 40
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Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).



■ Correct	1 Ques	40/40 Marks
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This shows the correctness of questions attempted by the test taker



## About the Report

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1. Program



&lt; 1 &gt;



Attempted: 1/1

JAVA7

Compiler: Java - 1.7



```
1 import java.io.*;
2 import java.util.*;
3
4 // Read only region start
5 class UserMainCode
6 {
7
8     public int nFactorial(int input1){
9         // Read only region end
10         int fact=1;
11         for(int i=1;i<=input1;i++)
12         {
13             fact=fact*i;
14         }
15         return fact;
16     }
17 }
```

☐ Use Custom Input

Compile and Test

Submit Code

## Question 1

Revisit Later

## How to Attempt?

## FACTORIAL of a number

In mathematics, the factorial of a non-negative integer  $n$ , denoted by  $n!$ , is the product of all positive integers less than or equal to  $n$ . For example,

$$5! = 5 \times 4 \times 3 \times 2 \times 1 = 120$$

$$4! = 4 \times 3 \times 2 \times 1 = 24$$

$$9! = 9 \times 8 \times 7 \times 6 \times 5 \times 4 \times 3 \times 2 \times 1 = 362880$$

Write a program to find the factorial of a given number.

The given number will be passed to the function as an input parameter of type `int`.

The function is expected to calculate the factorial of the given number and return it as an `int` type.

## Assumptions for this program:

The given input number will always be greater than or equal to 1.

Due to the range supported by `int`, the input numbers will range from 1 to 12.