



Day 1: Functions ★

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Points: 7/10

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Days of JS
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Problem

Submissions

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Objective

Today, we're discussing JavaScript functions. Check out the attached tutorial for more details.

Task

Implement a function named factorial that has one parameter: an integer, n . It must return the value of $n!$ (i.e., n factorial).

Input Format

Locked stub code in the editor reads a single integer, n , from stdin and passes it to a function named factorial.

Constraints

- $1 \leq n \leq 10$

Output Format

The function must return the value of $n!$.

Sample Input 0

4

Sample Output 0

24

Explanation 0

We return the value of $4! = 4 \times 3 \times 2 \times 1 = 24$.

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Language: JavaScript (Node.js)



```
1  'use strict';...
24 /*
25  * Create the function factorial here
26  */
27
28 function factorial(n)
29 {
30     if(n==1)
31         return 1
```

```
32     return n*factorial(n-1)
34
35 }
36
37 function main() {
38     const n = +(readLine());
39
40     console.log(factorial(n));
41 }
42 ...
```

Line: 40 Col: 31

☒ Upload Code as File

☐ Test against custom input

Run Code

Submit Code

You have earned 10.00 points!
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40%

7/10

10

Days of JS

★★

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

Test case 0

Test case 1

Test case 2

Compiler Message

Success

Input (stdin)

1 | 4

Expected Output

1 | 24

Download

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