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Factorial!

Attempted by: **74935** / Accuracy: **79%** / Maximum Score: **10** /

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Tag(s): Very-Easy

SOLVE
LATER

PROBLEM

EDITORIAL

MY SUBMISSIONS

ANALYTICS

You have been given a positive integer N . You need to find and print the **Factorial** of this number. The Factorial of a positive integer N refers to the product of all number in the range from 1 to N . You can read more about the factorial of a number [here](#).

Input Format:

The first and only line of the input contains a single integer N denoting the number whose factorial you need to find.

Output Format

Output a single line denoting the factorial of the number N .

Constraints

 $1 \leq N \leq 10$

SAMPLE INPUT



SAMPLE OUTPUT



2

2

Time Limit: 1.0 sec(s) for each input file.**Memory Limit:** 256 MB**Source Limit:** 1024 KB**Marking Scheme:** Marks are awarded when all the testcases pass.

Allowed Languages: Bash, C, C++, C++14, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Julia, Kotlin, Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, R(RScript), Racket, Ruby, Rust, Scala, Swift, Swift-4.1, TypeScript, Visual Basic

15

BEST SUBMISSIONS

LANGUAGE: C (gcc 5.4.0)

⌚ TIME (sec)

0.401572

📊 MEMORY (KiB)

64

by [Anagha Rajan](#)[VIEW BEST SUBMISSION](#)[VIEW ALL SUBMISSION](#)

LIVE EVENTS

CONTRIBUTOR



AUTHOR

[Anand Jaisingh](#)

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CODE EDITOR

Enter your code or [Upload your code](#) as file.

Save

C (gcc 5.4.0)

```
1 /*
2 // Sample code to perform I/O:
3 #include <stdio.h>
4
```



15
LIVE EVENTS

1:1 vscode

☒ Provide custom input

COMPILE & TEST

SUBMIT

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PROGRAMMERS WHO SOLVED THIS PROBLEM ALSO SOLVED

Anagrams

Attempted By: **31663** / Accuracy:
36

Toggle String

Attempted By: **73675** / Accuracy:
64

Roy And Profile Picture

Attempted By: **65056** / Accuracy:
82

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Site Language: English

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