

Learn how your code will be evaluated (https://helpcenter.mymapit.in/?ht_kb=things-to-know-before-attempting-the-test)

Utility codes for quick start (https://helpcenter.mymapit.in/?page_id=871)

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Question No. 27 of 36 5 Marks

Factorial using recursion

Write a C program to find the factorial of a number using recursion.

Input:

One line with integer n.

Constraints:

$0 \leq n \leq 25$

Output:

Display factorial of n

Sample test Cases

	Input
STC1	3
STC2	1

C (gcc 4.8.3) ▼

```
1  #include<stdio.h>
2
3  int factorialRec(int n){
4      if(n == 0 || n == 1) return 1;
5      return n*factorialRec(n-1);
6  }
7
8  int main(){
9      int n;
10     scanf("%d",&n);
11
12     int ans = factorialRec(n);
13     printf("%d",ans);
14 }
```



▶ Compile & Run

O/P »

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