



→   programiz.com/c-programming/online-compiler/

 **Programiz**

C Online Compiler

main.c



Run

Output

```
1 #include<stdio.h>
2 long int fact(int n);
3 int main()
4 {
5     int n=5,i;
6     printf("factorial of %d is %d",n,fact(n));
7     return 0;
8 }
9
10 long int fact(int n)
11 {
12     if(n>=1)
13     {
14         return n*fact(n-1);
15     }
16     else
17     {
18         return 1;
19     }
```

/tmp/dMAotTQIaC.o
factorial of 5 is 120

=== Code Execution Successful

