

C:\Users\mudir\OneDrive\Documents\DS5.cpp - [Executing] - Embarcadero Dev-C++ 6.3

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TDM-GCC 9.2.0 64-bit Release

(globals)

Project Class DS1.cpp DS2.cpp DS3.cpp DS4.cpp DS5.cpp

```
1 #include <stdio.h>
2
3
4 long long factorial(int n) {
5     if (n == 0 || n == 1)
6         return 1;
7     else
8         return n * factorial(n - 1);
9 }
10
11 int main() {
12     int num;
13     long long result;
14
15     printf("Enter a number: ");
16     scanf("%d", &num);
17
18     if (num < 0)
19         printf("Factorial of a negative number doesn't exist.\n");
20     else {
21         result = factorial(num);
22         printf("Factorial of %d = %lld\n", num, result);
23     }
24
25     return 0;
26 }
27
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Errors: 0  
Warnings: 0  
Output Filename: C:\Users\mudir\OneDrive\Documents\DS5.exe  
Output Size: 322.984375 KiB  
Compilation Time: 0.20s

Shorten compiler path

C:\Users\mudir\OneDrive\Doi x + v

Enter a number: 5  
Factorial of 5 = 120

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Process exited after 4.722 seconds with return value 0  
Press any key to continue . . . |