



Question: Regarding not using prototype declaration in function problems

1 message

Gaus Saraf Murady <0432410005101088@uits.edu.bd>

Tue, May 7, 2024 at 10:04 PM

To: sadia.jahan@uits.edu.bd

Salam, ma'am.

Even without using prototype declaration for user-defined functions, the compiler runs them normally when I write them after the main function.

Will this be acceptable in Class or Lab tests?

here's the code:

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int n,result;
```

```
    printf("Find factorial of: \n");
```

```
    scanf("%d", &n);
```

```
    factorial(n);
```

```
    return 0;
```

```
}
```

```
void factorial(int n)
```

```
{
```

```
    int mul = 1;
```

```
    for(int i = 1; i<=n;i++)
```

```
    {
```

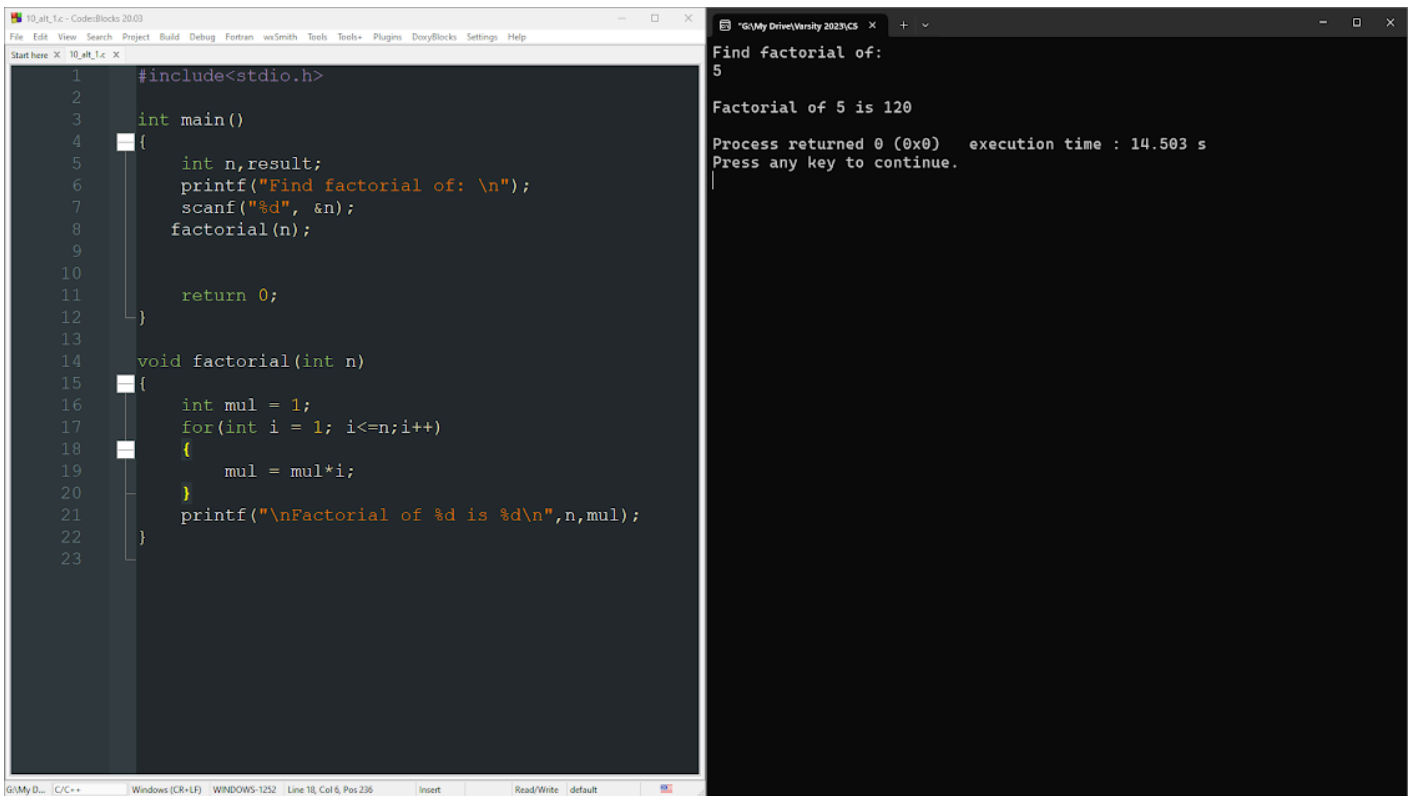
```
        mul = mul*i;
```

```
    }
```

```
    printf("\nFactorial of %d is %d\n",n,mul);
```

```
}
```

and output:



The image shows a code editor window titled "10_alt_1.c - Code::Blocks 20.03" and a terminal window titled "G:\My Drive\Varsity 2023\CS".

The code editor displays the following C code:


```
1 #include<stdio.h>
2
3 int main()
4 {
5     int n,result;
6     printf("Find factorial of: \n");
7     scanf("%d", &n);
8     factorial(n);
9
10
11     return 0;
12 }
13
14 void factorial(int n)
15 {
16     int mul = 1;
17     for(int i = 1; i<=n;i++)
18     {
19         mul = mul*i;
20     }
21     printf("\nFactorial of %d is %d\n",n,mul);
22 }
23
```

The terminal window shows the output of the program:

```
Find factorial of:
5

Factorial of 5 is 120

Process returned 0 (0x0)   execution time : 14.503 s
Press any key to continue.
```

 **10_alt_1.c**
1K