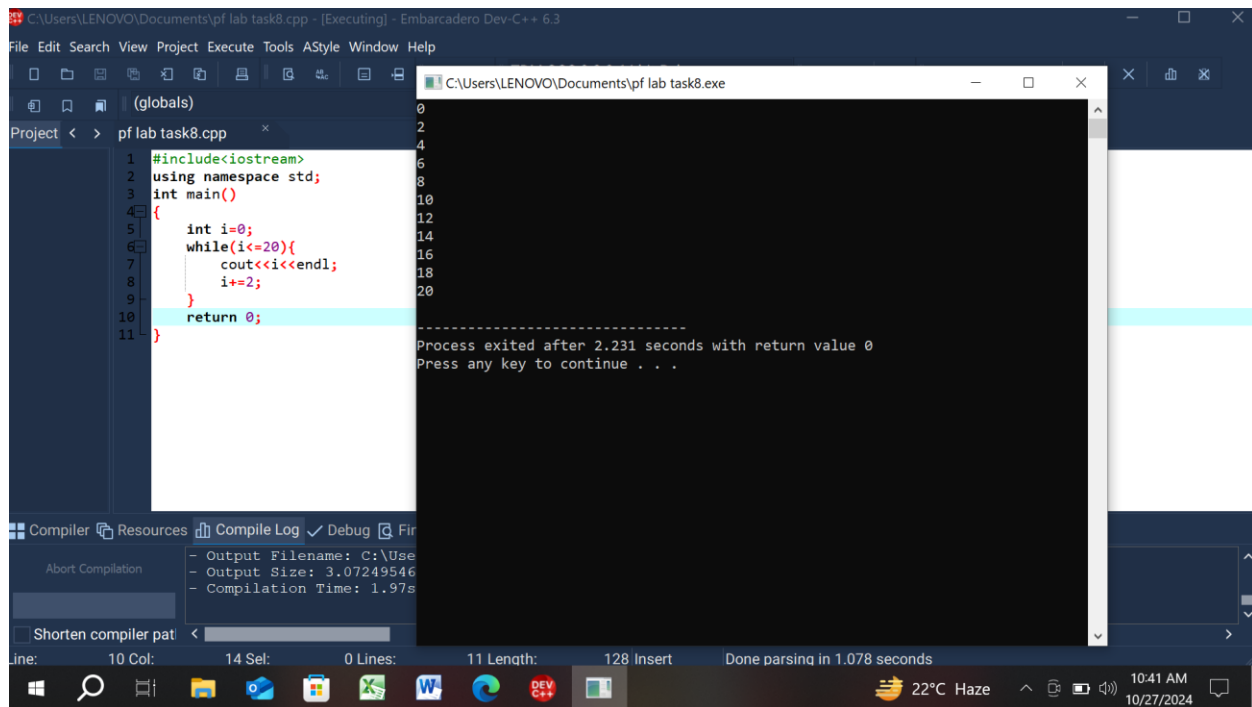


Question1

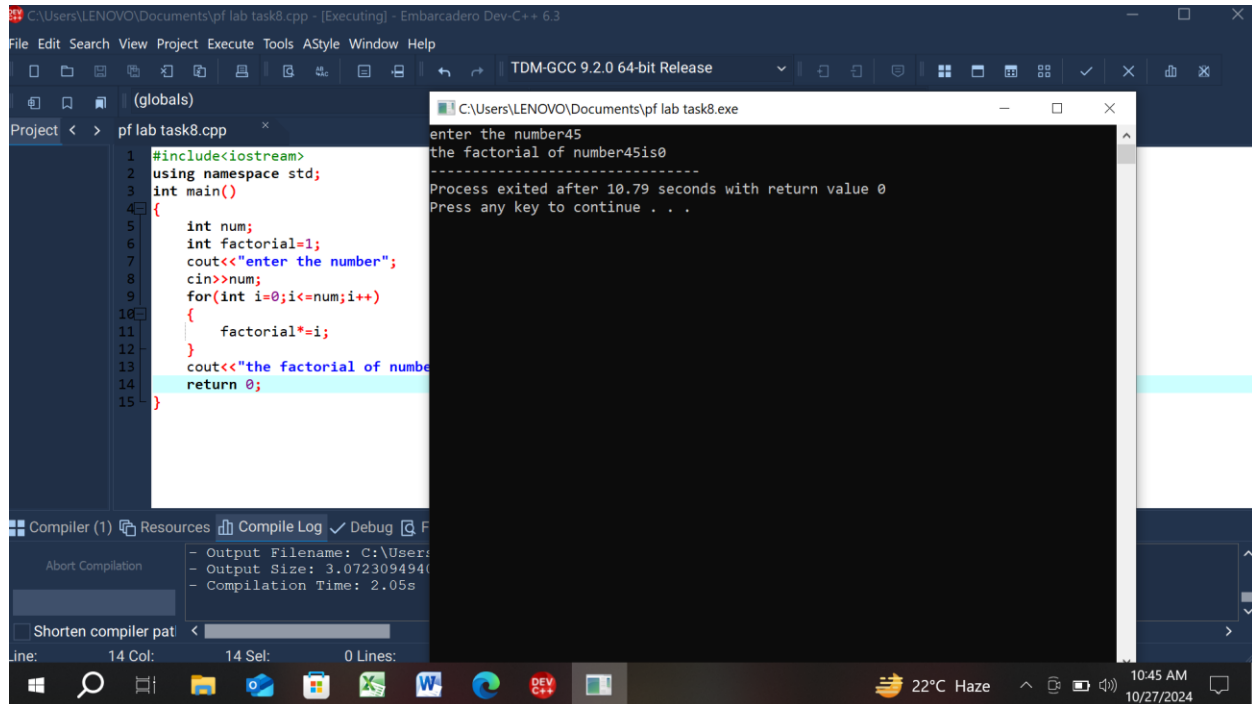


```
#include<iostream>
using namespace std;
int main()
{
    int i=0;
    while(i<=20){
        cout<<i<<endl;
        i+=2;
    }
    return 0;
}
```

Process exited after 2.231 seconds with return value 0
Press any key to continue . . .

Compiler (1) Resources Compile Log Debug F...
- Output Filename: C:\Use...
- Output Size: 3.07249546...
- Compilation Time: 1.97s

Question 2

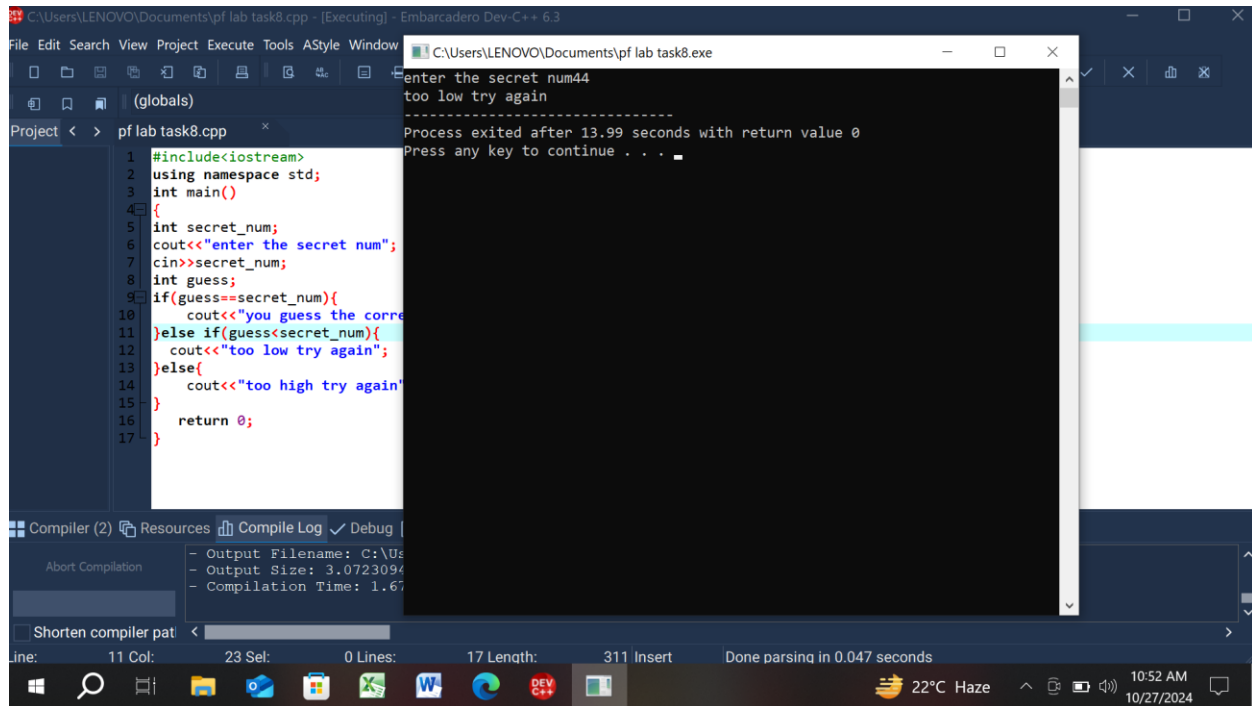


```
#include<iostream>
using namespace std;
int main()
{
    int num;
    int factorial=1;
    cout<<"enter the number";
    cin>>num;
    for(int i=0;i<=num;i++)
    {
        factorial*=i;
    }
    cout<<"the factorial of numbe";
    return 0;
}
```

enter the number45
the factorial of number45is0
Process exited after 10.79 seconds with return value 0
Press any key to continue . . .

Compiler (1) Resources Compile Log Debug F...
- Output Filename: C:\Users...
- Output Size: 3.072309494...
- Compilation Time: 2.05s

Question3



The screenshot displays the Embarcadero Dev-C++ 6.3 IDE. The main editor window shows a C++ program named `pf lab task8.cpp`. The code is as follows:

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     int secret_num;
6     cout<<"enter the secret num";
7     cin>>secret_num;
8     int guess;
9     if(guess==secret_num){
10         cout<<"you guess the corre";
11     }else if(guess<secret_num){
12         cout<<"too low try again";
13     }else{
14         cout<<"too high try again";
15     }
16     return 0;
17 }
```

The output window, titled `C:\Users\LENOVO\Documents\pf lab task8.exe`, shows the program's execution. It prompts the user to "enter the secret num" and displays the input "44". The output then shows "too low try again", followed by a separator line, and finally "Process exited after 13.99 seconds with return value 0". It also prompts the user to "Press any key to continue . . .".

The bottom status bar indicates the current line is 11, column is 11, and the text "Done parsing in 0.047 seconds" is shown. The system tray at the bottom right displays the date and time as 10:52 AM on 10/27/2024, along with weather information (22°C Haze).