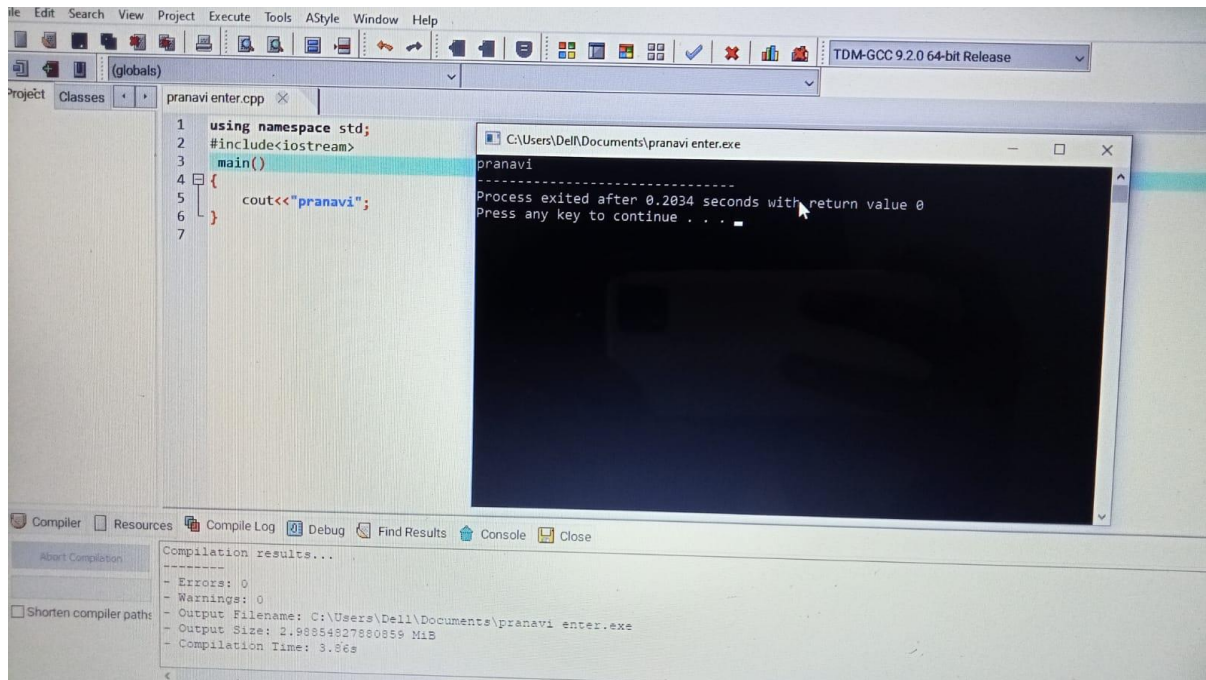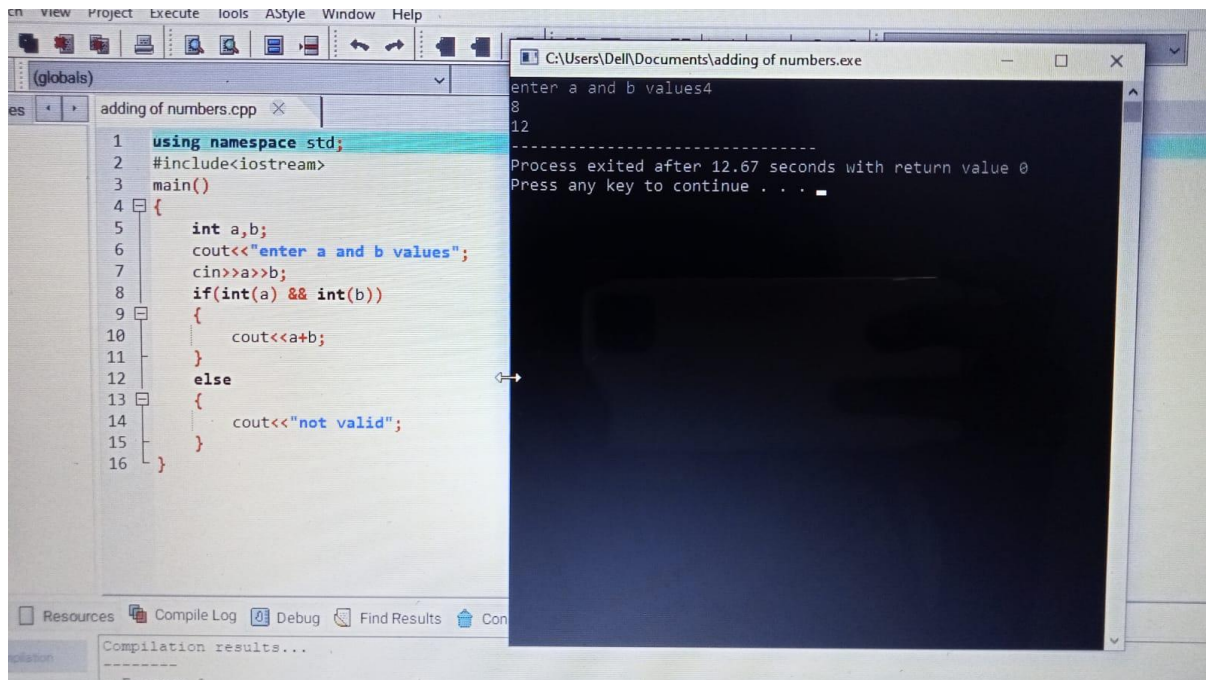1.Write the c++ program to enter the name?

PROGRAM:
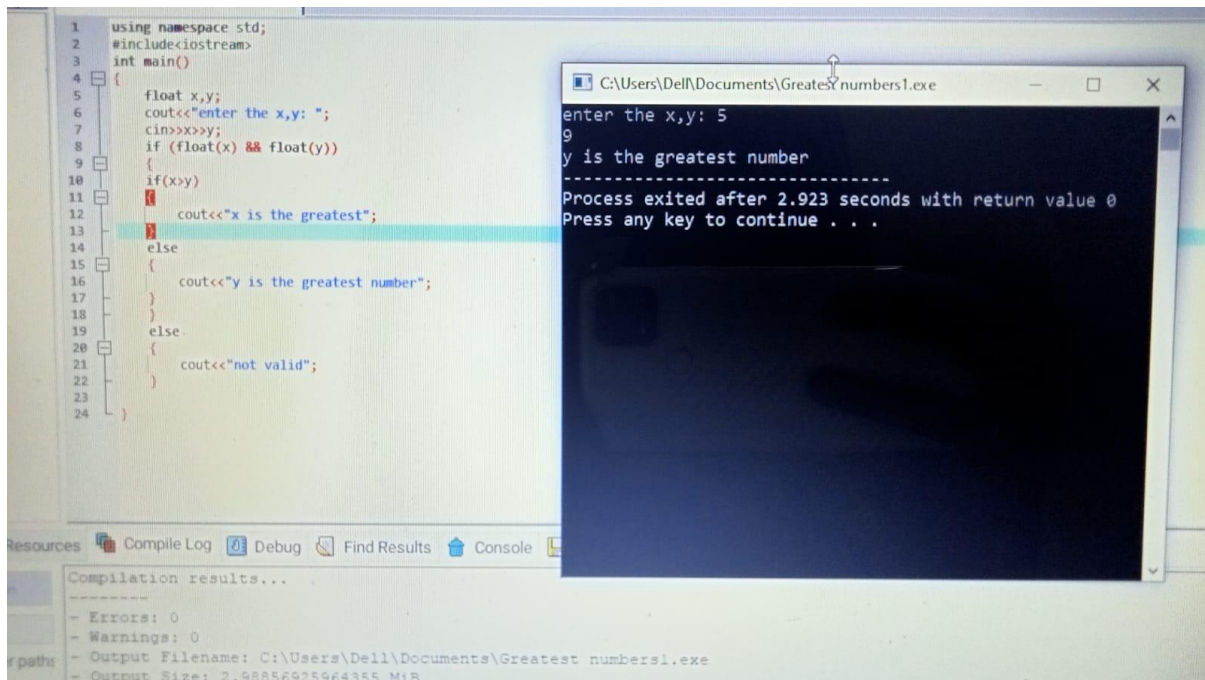

2.Write c++ program to add two numbers?

PROGRAM:

3.Write c++ program to find the biggest of two numbers?

PROGRAM:

```
using namespace std;
#include<iostream>
int main()
{
    float x,y;
    cout<<"enter the x,y: ";
    cin>>x>>y;
    if (float(x) && float(y))
    {
        if(x>y)
        {
            cout<<"x is the greatest";
        }
        else
        {
            cout<<"y is the greatest number";
        }
    }
    else
    {
        cout<<"not valid";
    }
}
```

```
enter the x,y: 5
9
y is the greatest number
--------------------------------
Process exited after 2.923 seconds with return value 0
Press any key to continue . . .
```
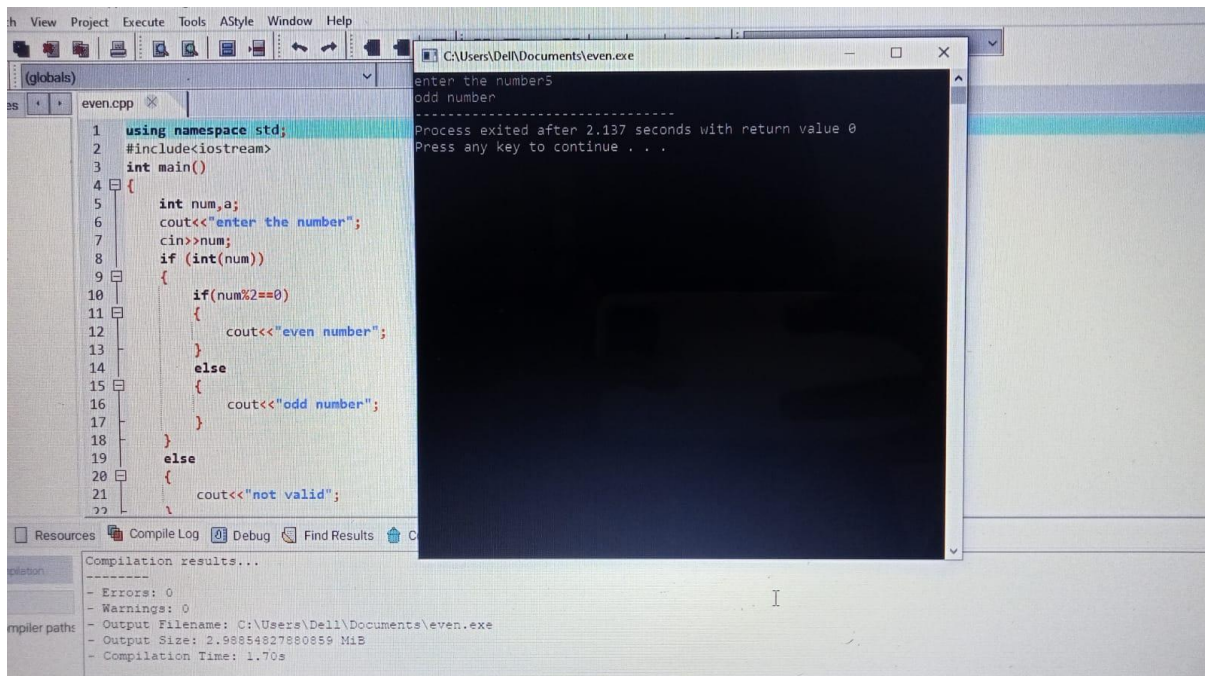
```
Compilation results...
---------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dell\Documents\Greatest numbers1.exe
- Output Size: 2.98856925964355 MiB
```

4.Write the c++ program to find the given number is even or odd number?

PROGRAM:

```
using namespace std;
#include<iostream>
int main()
{
    int num,a;
    cout<<"enter the number";
    cin>>num;
    if (int(num))
    {
        if(num%2==0)
        {
            cout<<"even number";
        }
        else
        {
            cout<<"odd number";
        }
    }
    else
    {
        cout<<"not valid";
    }
}
```

```
enter the number5
odd number
--------------------------------
Process exited after 2.137 seconds with return value 0
Press any key to continue . . .
```

```
Compilation results...
---------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dell\Documents\even.exe
- Output Size: 2.98854827880859 MiB
- Compilation Time: 1.70s
```

5.Write the c++ program to find the person is eligible for the vote?

PROGRAM:

6.Write the c++ program to find the given character is alphabet or not?

PROGRAM:

7.Write the c++ program to fing the number is integer or not?

PROGRAM:

```cpp
using namespace std;
#include<iostream>
main()
{
    float n;
    cout<<"enter a number ";
    cin>>n;
    int r=n/1;
    if(n<=0||n>=0 && r*1==n)
    {
        cout<<"int";
    }
    else
    {
        cout<<"float";
    }
}
```
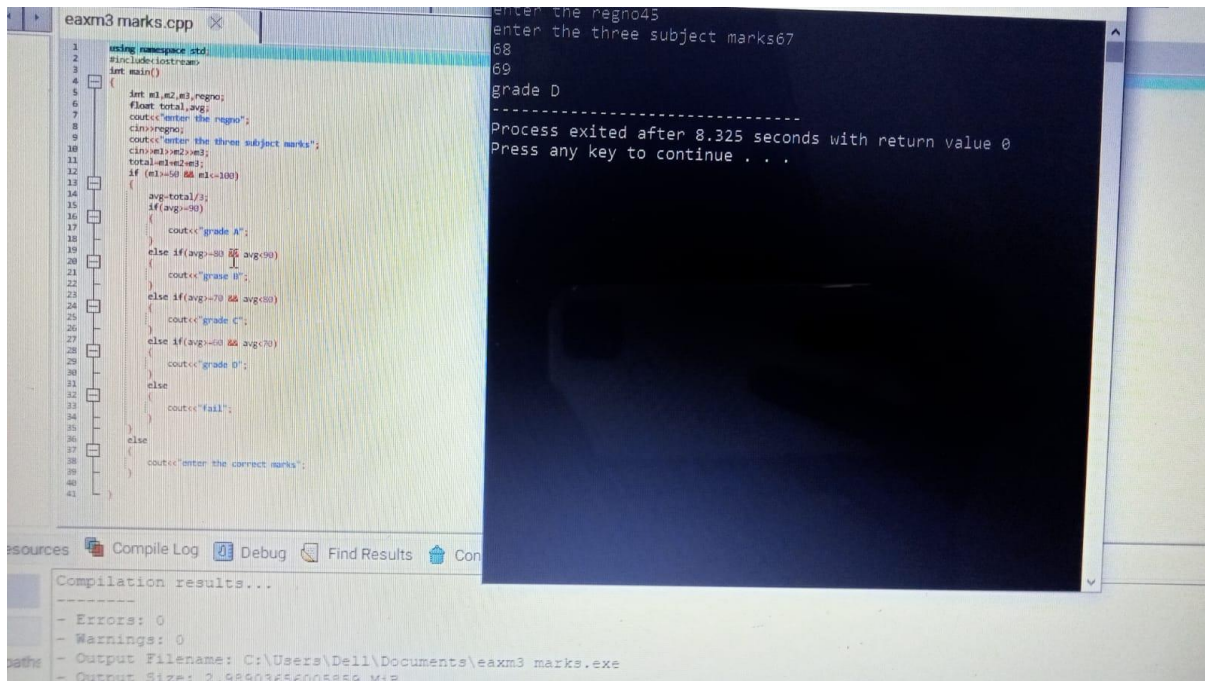
C:\Users\Dell\Documents\int or float.exe

```
enter a number 6.7
float
-------------------------------
Process exited after 1.92 seconds with return value 0
Press any key to continue . . .
```

8.Write the c++ program to print the student reports in the following fields?

PROGRAM:

```cpp
using namespace std;
#include<iostream>
int main()
{
    int m1,m2,m3,regno;
    float total,avg;
    cout<<"enter the regno";
    cin>>regno;
    cout<<"enter the three subject marks";
    cin>>m1>>m2>>m3;
    total=m1+m2+m3;
    if (m1>=50 && m1<=100)
    {
        avg=total/3;
        if(avg>=90)
        {
            cout<<"grade A";
        }
        else if(avg>=80 && avg<90)
        {
            cout<<"grase B";
        }
        else if(avg>=70 && avg<80)
        {
            cout<<"grade C";
        }
        else if(avg>=60 && avg<70)
        {
            cout<<"grade D";
        }
        else
        {
            cout<<"fail";
        }
    }
    else
    {
        cout<<"enter the correct marks";
    }
}
```
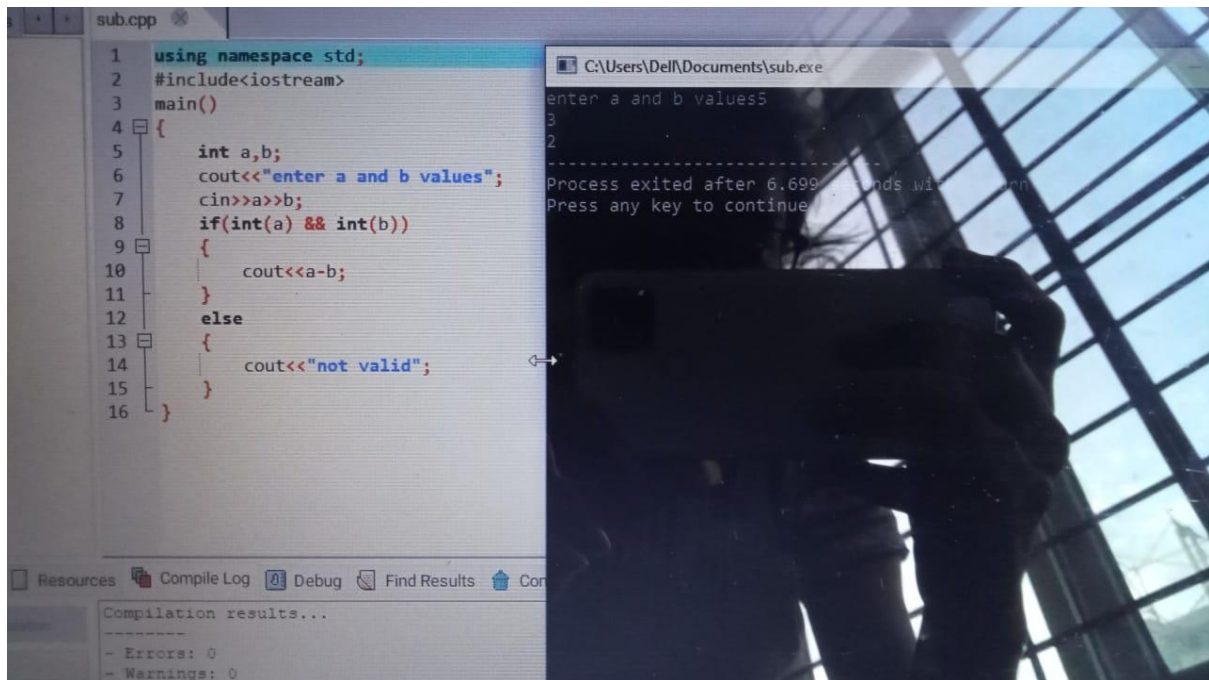
```
enter the regno45
enter the three subject marks67
68
69
grade D
-------------------------------
Process exited after 8.325 seconds with return value 0
Press any key to continue . . .
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dell\Documents\eaxm3 marks.exe
- Output Size: 2.98903656005859 MiB

9.Write the c++ program to find the subtraction between two numbers?

PROGRAM:

```cpp
using namespace std;
#include<iostream>
main()
{
    int a,b;
    cout<<"enter a and b values";
    cin>>a>>b;
    if(int(a) && int(b))
    {
        cout<<a-b;
    }
    else
    {
        cout<<"not valid";
    }
}
```

10.Write the c++ program to find multiplication of two numbers?

PROGRAM:

```cpp
using namespace std;
#include<iostream>
main()
{
    int a,b;
    cout<<"enter a and b values";
    cin>>a>>b;
    if(int(a) && int(b))
    {
        cout<<a*b;
    }
    else
    {
        cout<<"not valid";
    }
}
```

11.Write the c++ program to find division of two numbers?

PROGRAM:

```
1    using namespace std;
2    #include<iostream>
3    main()
4  □ {
5        int a,b;
6        cout<<"enter a and b values";
7        cin>>a>>b;
8        if(int(a) && int(b))
9  □     {
10           cout<<a/b;
11       }
12       else
13  □    {
14           cout<<"not valid";
15       }
16  □ }
```
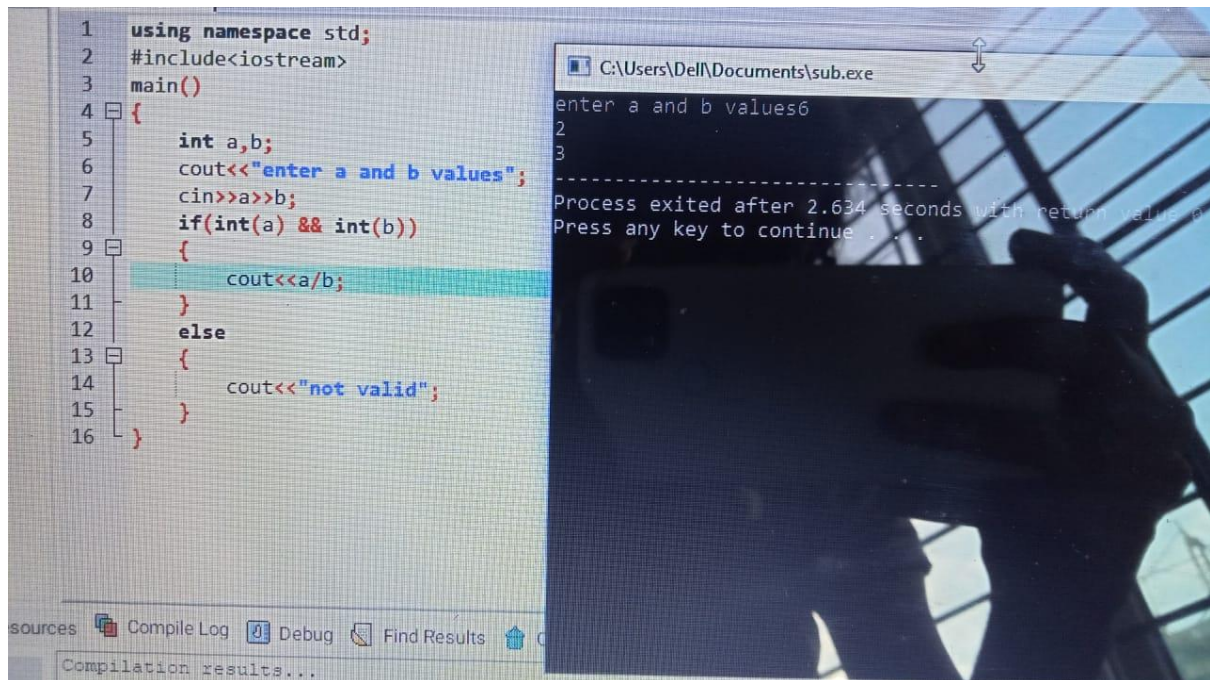
```
C:\Users\Dell\Documents\sub.exe

enter a and b values6
2
3
-------------------------------
Process exited after 2.634 seconds with return value 0
Press any key to continue . . .
```