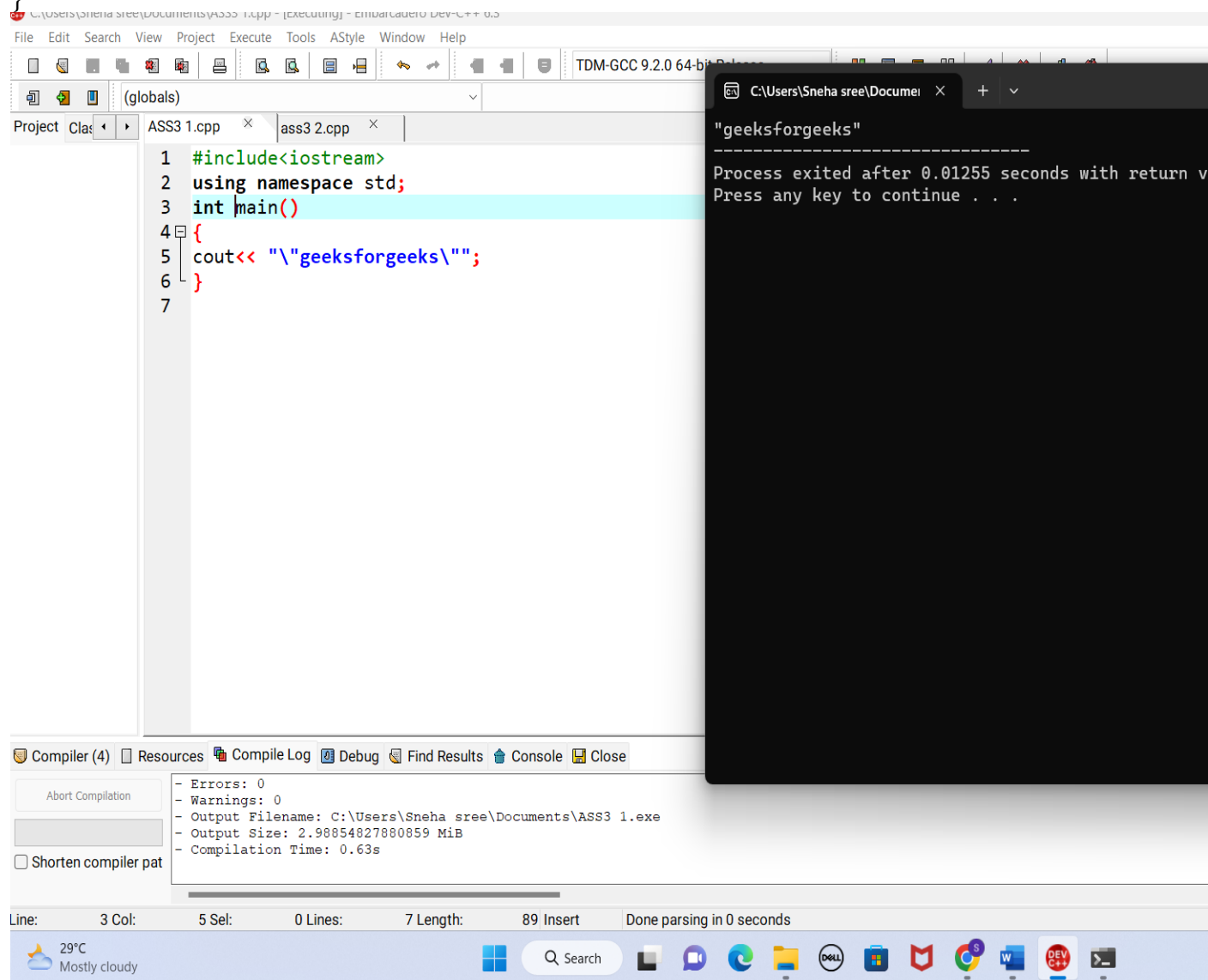


## DAY 3 Assignment

1. Identify the error for the following programs,

```
#include<iostream>
intmain()
{
cout<< "\"geeksforgeeks\"";
}
```



2. What will be the output of the following program

```
#include <iostream>
using namespace std;
```

```

intmain()
{
    intx = 10;
    inty = 10;

    if(!(x ^ y))
        cout<< " x is equal to y ";
    else
        cout<< " x is not equal to y ";

    return0;
}

```

The screenshot shows a C++ IDE with the following code in the editor:

```

1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int x = 10;
7      int y = 10;
8
9      if(!(x ^ y))
10     {
11
12         cout<< " x is equal to y ";
13     }
14     else
15     {
16
17         cout<< " x is not equal to y ";
18     }
19 }
20 }
21
22

```

The output window displays the following text:

```

C:\Users\Sneha sree\Documents\
x is equal to y
-----
Process exited after
Press any key to cont

```

The IDE's status bar at the bottom shows: Line: 12 Col: 34 Sel: 0 Lines: 22 Length: 243 Insert Done parsing in 0 seconds. The system tray at the bottom indicates a temperature of 29°C and 'Mostly cloudy' weather.

3. Find the output of the following program

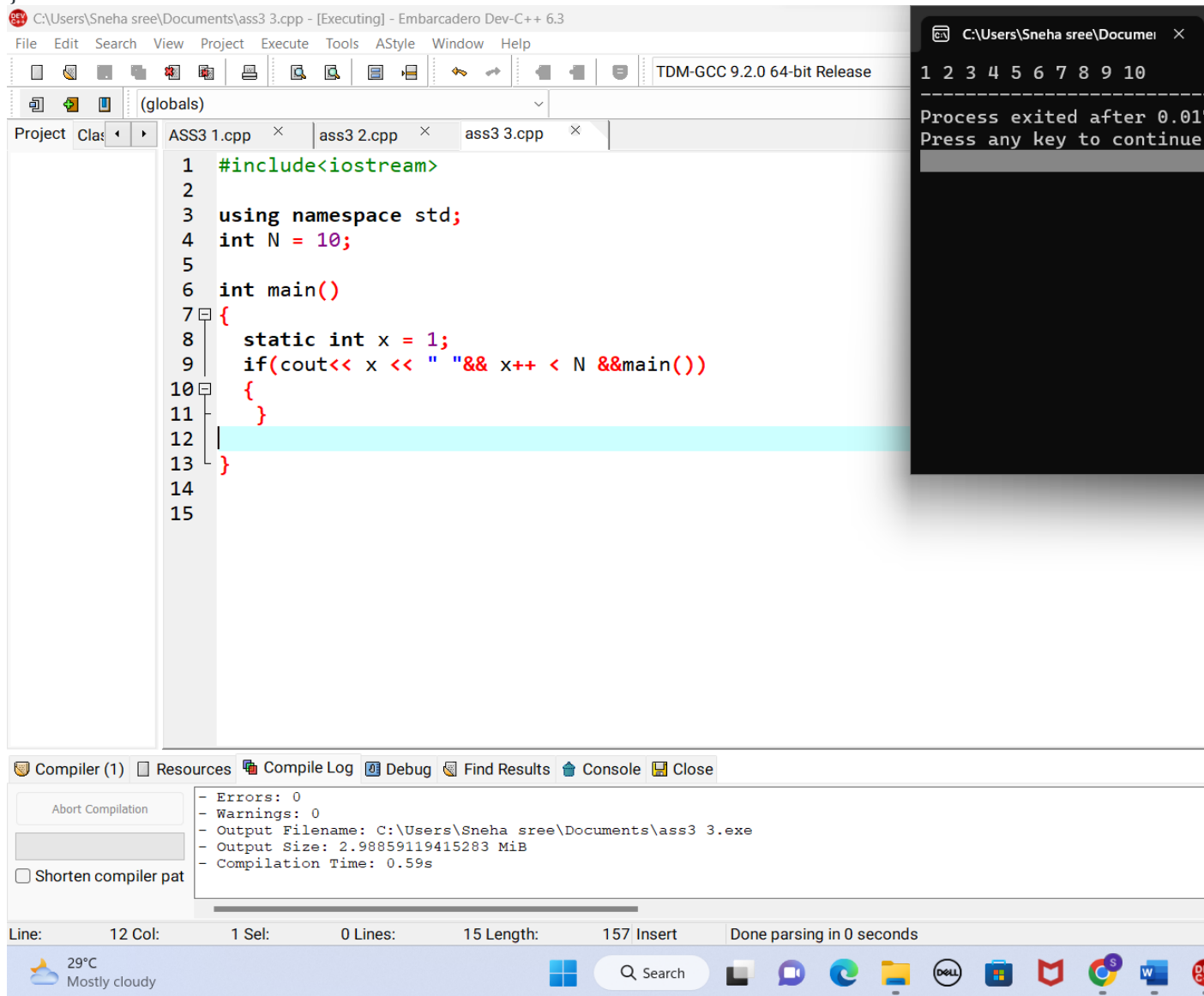
```
#include<iostream>
```

```

using namespace std;
int N = 10;

int main()
{
    static int x = 1;
    if (cout << x << " " && x++ < N && main())
    { }
    return 0;
}

```



#### 4. Identify the error / output of the program

```

#include<bits/stdc++.h>
using namespace std;

```

```

int main()
{
    int x = 10;
    int y = seventy;
}

```

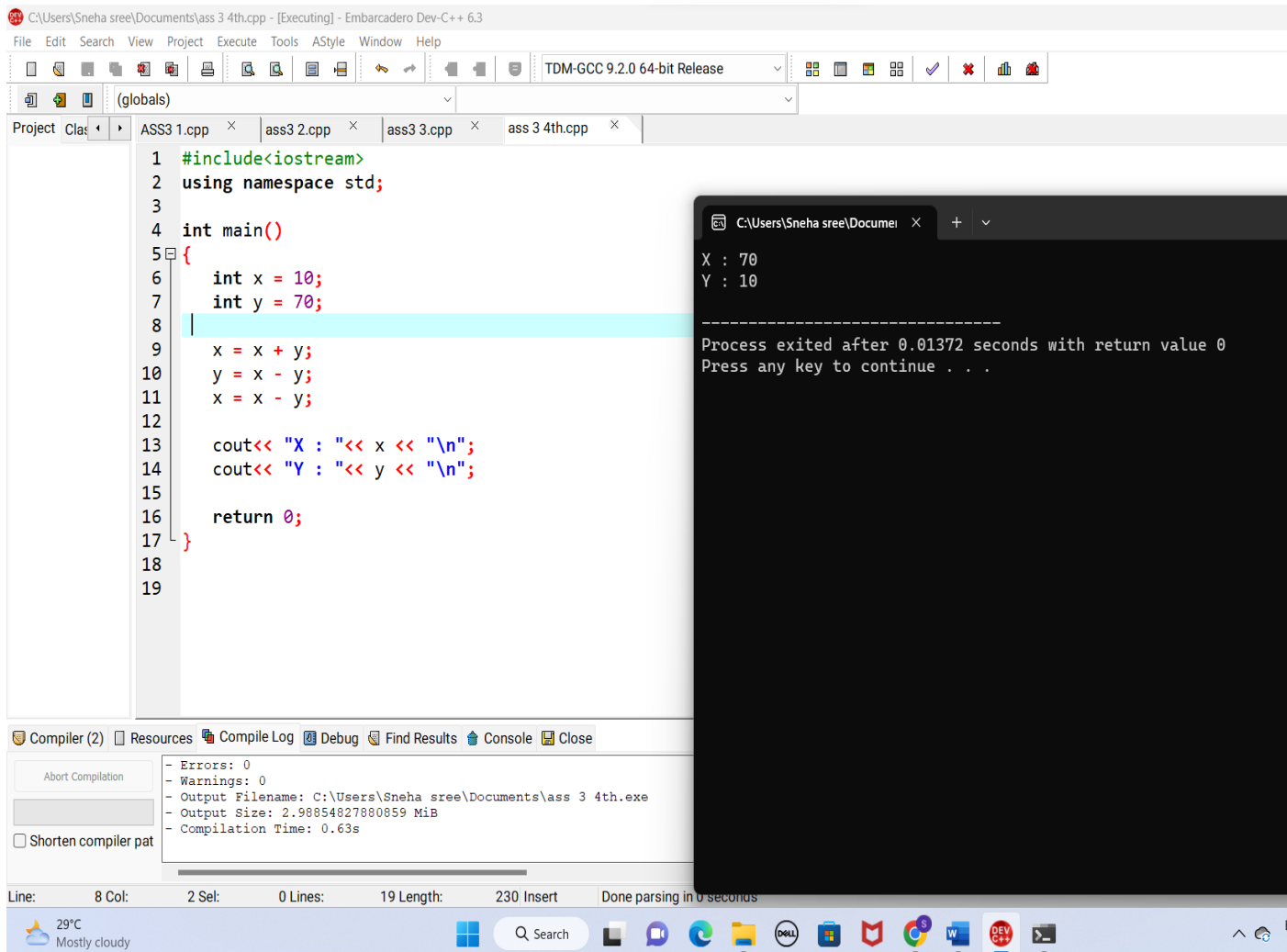
```

x = x + y;
y = x - y;
x = x - y;

cout<< "X : "<< x << "\n";
cout<< "Y : "<< y << "\n";

return 0;
}

```



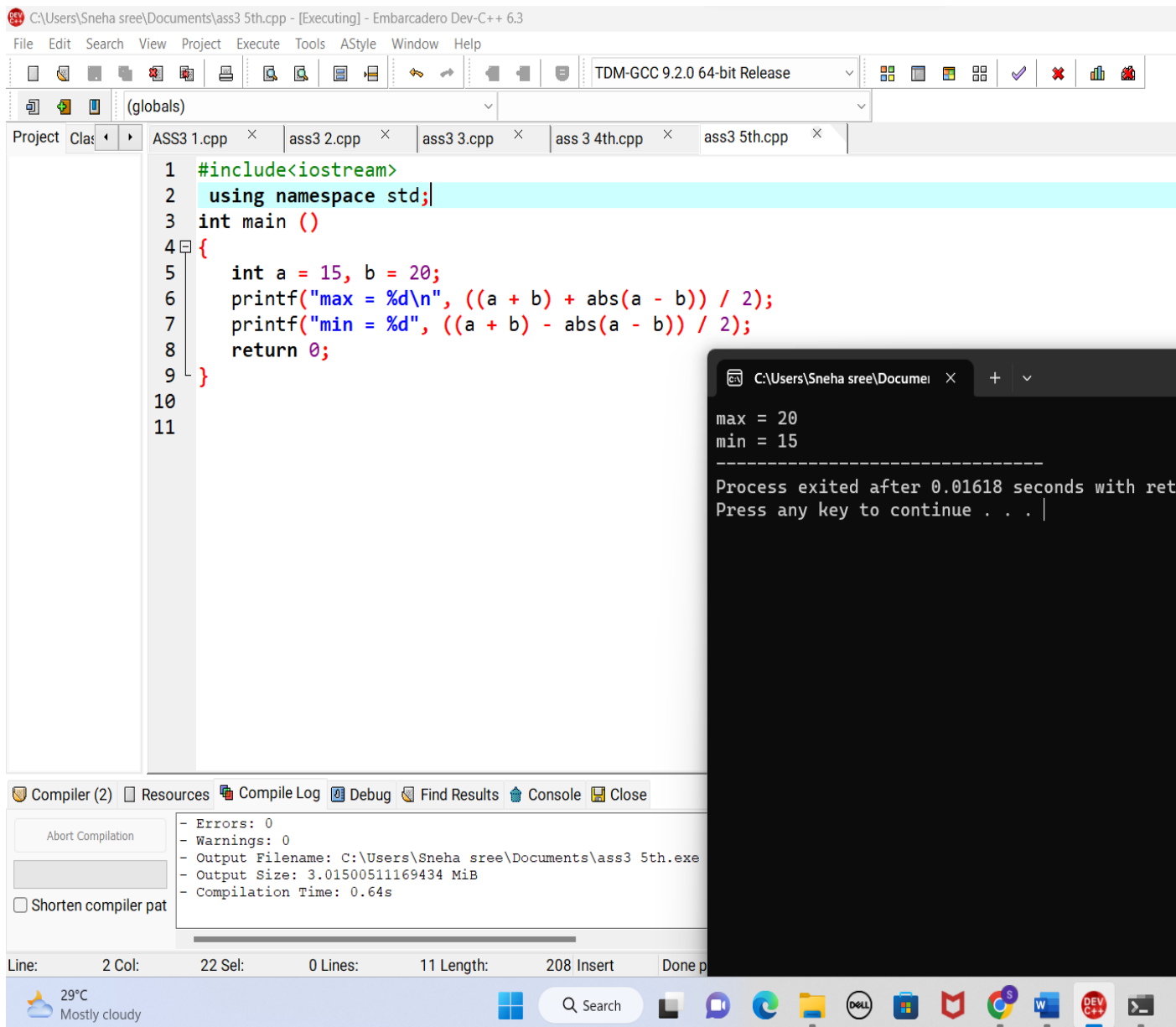
5. Can we do in C++ with this header file.

```
#include<bits/stdc++.h>
```

```

intmain ()
{
    inta = 15, b = 20;
    printf("max = %d\n", ((a + b) + abs(a - b)) / 2);
    printf("min = %d", ((a + b) - abs(a - b)) / 2);
    return0;
}

```



6. Find the output for the program.

```
#include<iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    int a = 5;
```

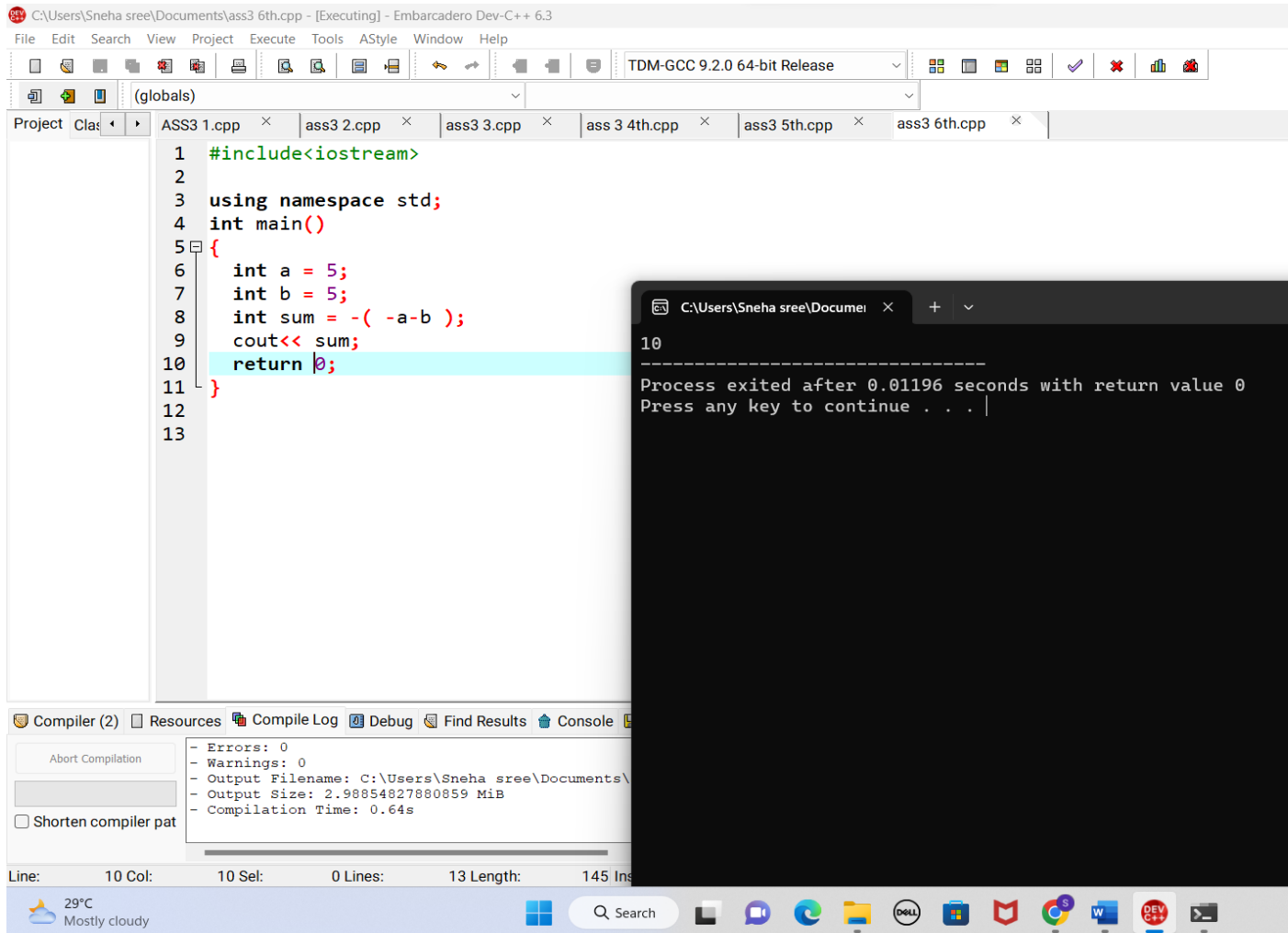
```
    int b = 5;
```

```
    int sum = -( -a-b );
```

```
    cout<< sum;
```

```
    return 0;
```

```
}
```



7. What is the output

```
#include<iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    if(!(cout<< "SIMATS"))
```

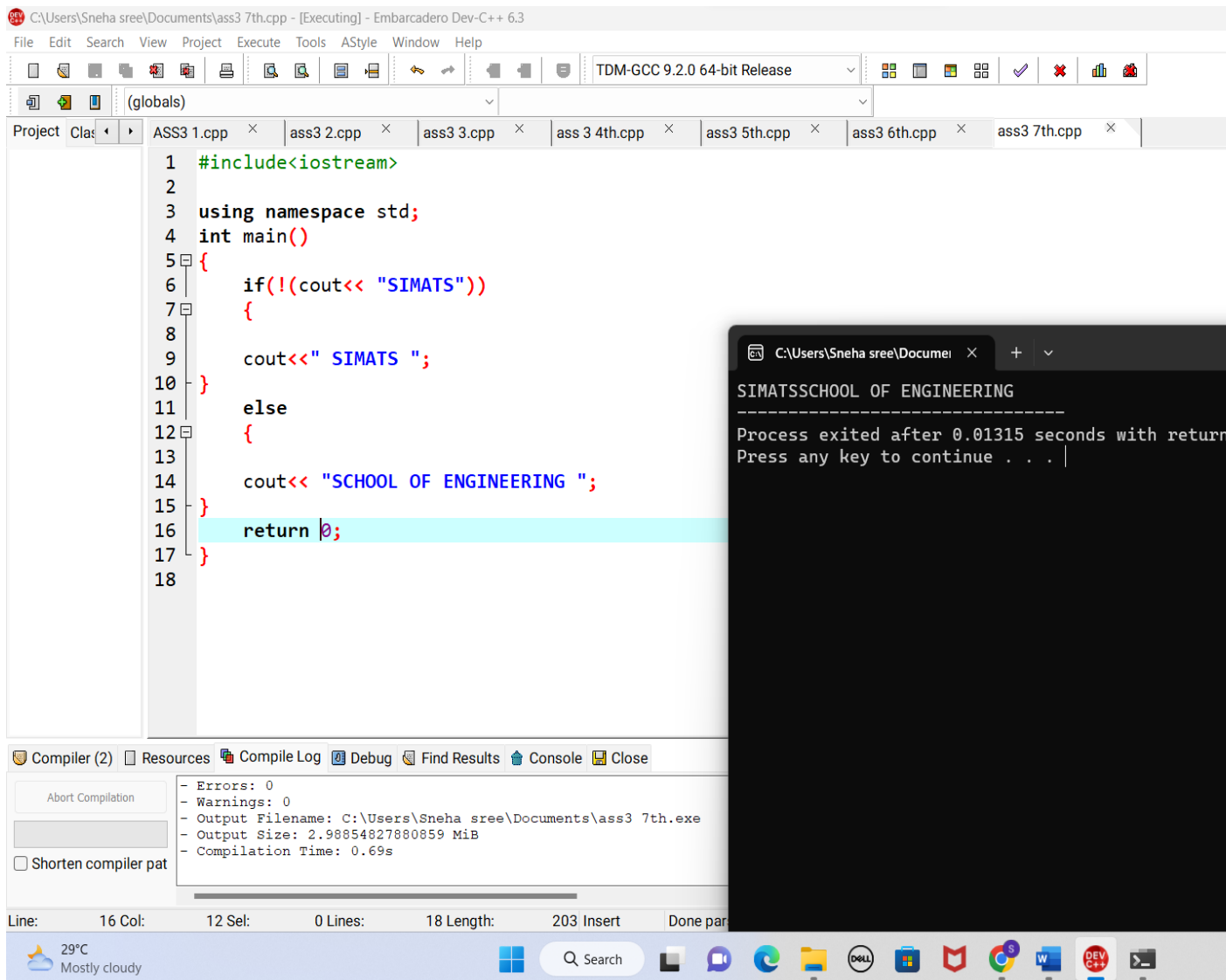
```
        cout<< " SIMATS ";
```

```
    else
```

```
        cout<< "SCHOOL OF ENGINEERING ";
```

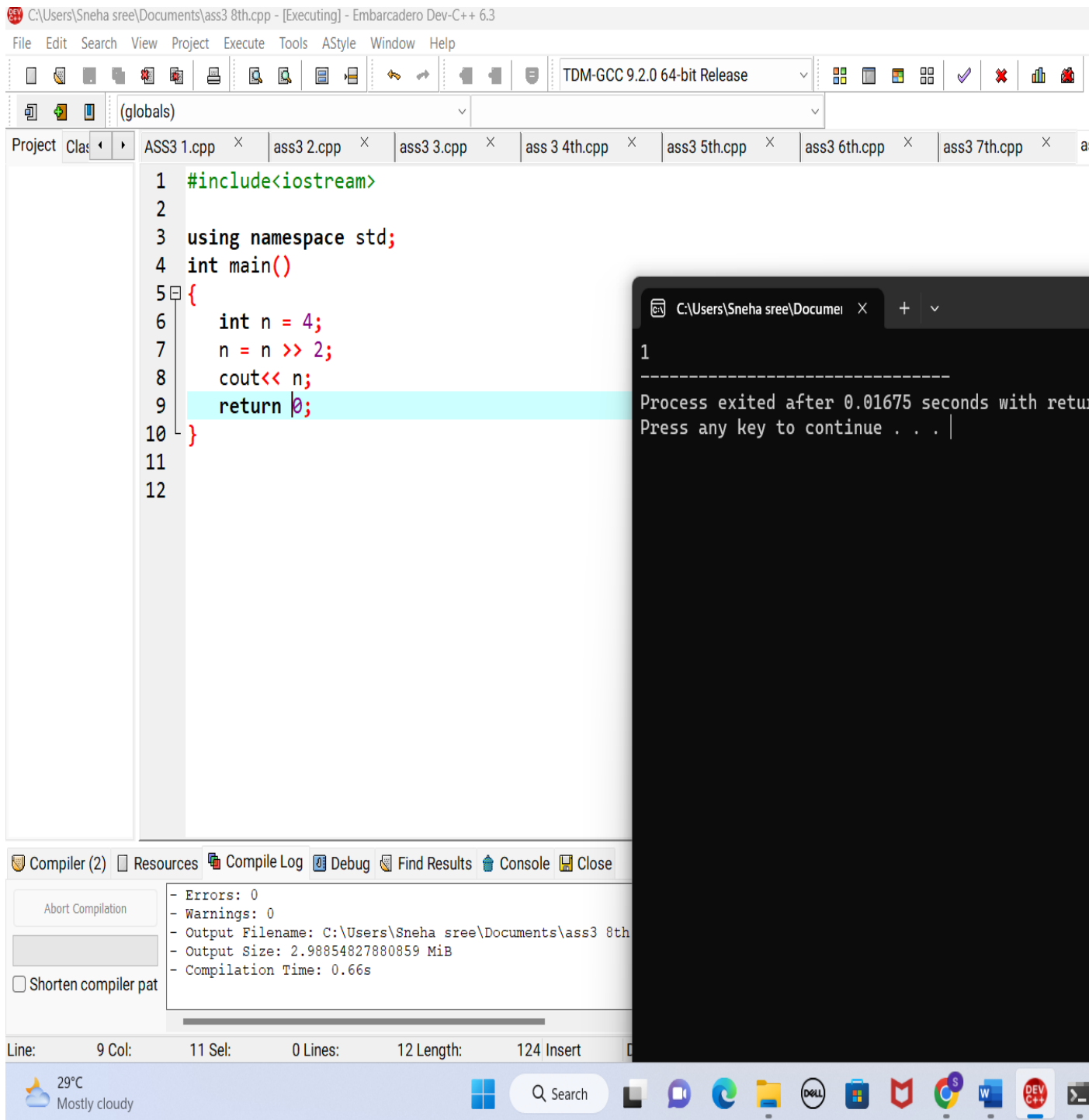
```
    return 0;
```

```
}
```



8. Find the output  
`#include<iostream>`

```
using namespace std;
int main()
{
    int n = 4;
    n = n >> 2;
    cout << n;
    return 0;
}
```



9. Find the output of following code:

```
#include<iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

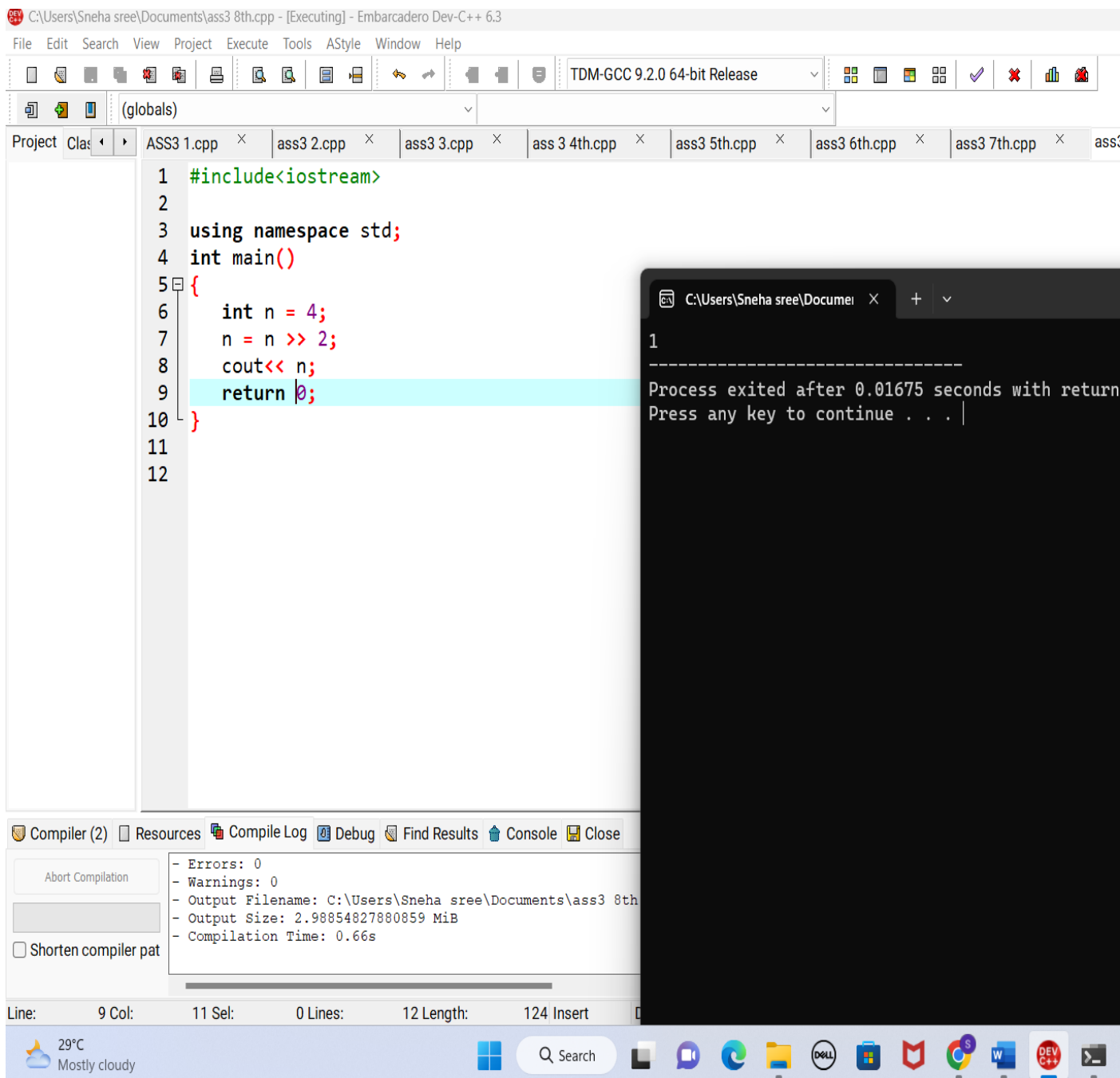
```
    int n = 4;
```

```
    n = n >> 2;
```

```
    cout<< n;
```

```
    return 0;
```





10. Find the output of following code:

```
#include<iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    int n = 4;
```

```
    n = n >> 2;
```

```
    cout<< n;
```

```
    return 0
```

```
1 #include<iostream>
2
3 using namespace std;
4 int main()
5 {
6     int n = 4;
7     n = n >> 2;
8     cout<< n;
9     return 0;
10 }
11
12
```

```
1
-----
Process exited after 0.01675 seconds with
Press any key to continue . . . |
```

Abort Compilation

- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\Sneha sree\Documents\ass3 8th  
- Output Size: 2.98854827880859 MiB  
- Compilation Time: 0.66s

☐ Shorten compiler pat