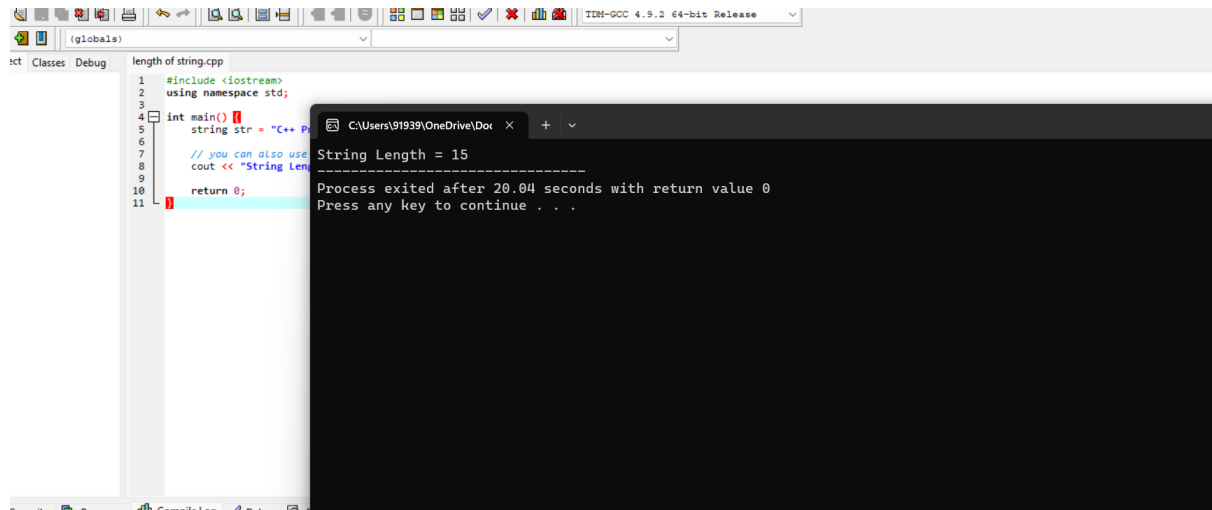


# ASSIGNMENT 4

## C++ Program to Find the Length of a String



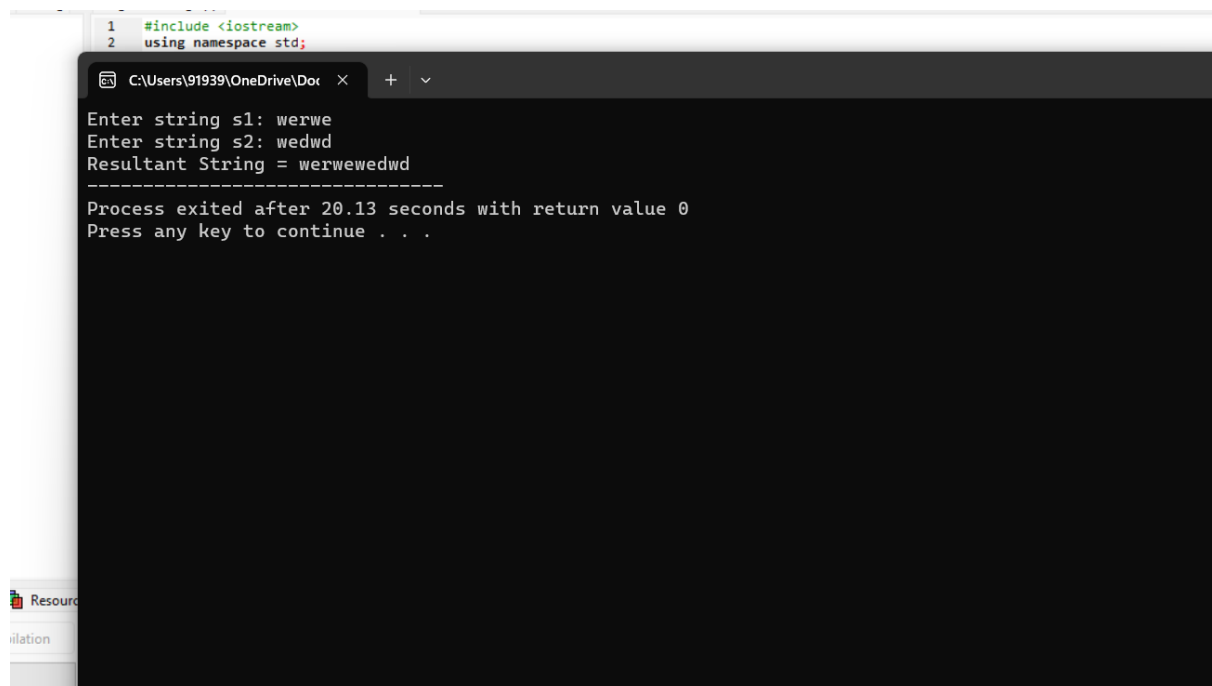
```
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     string str = "C++ Programming";
7     // you can also use str.length()
8     cout << "String Length = " << str.length() << endl;
9
10    return 0;
11 }
```

String Length = 15

Process exited after 20.04 seconds with return value 0

Press any key to continue . . .

## C++ Program to Concatenate Two Strings



```
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     string s1, s2;
7     cout << "Enter string s1: ";
8     getline(cin, s1);
9     cout << "Enter string s2: ";
10    getline(cin, s2);
11    string result = s1 + s2;
12    cout << "Resultant String = " << result << endl;
13
14    return 0;
15 }
```

Enter string s1: werwe

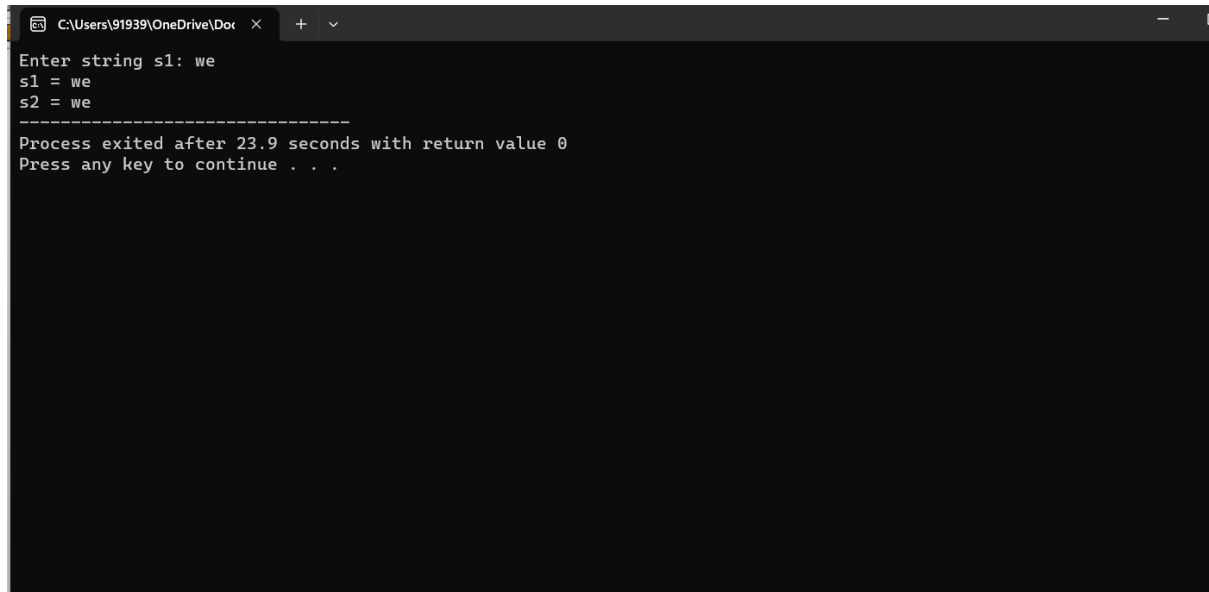
Enter string s2: wedwd

Resultant String = werwewedwd

Process exited after 20.13 seconds with return value 0

Press any key to continue . . .

## C++ Program to Copy Strings



```
C:\Users\91939\OneDrive\Doc  X + v
Enter string s1: we
s1 = we
s2 = we
-----
Process exited after 23.9 seconds with return value 0
Press any key to continue . . .
```

The screenshot shows a Windows command prompt window with a dark background. The title bar at the top indicates the file path 'C:\Users\91939\OneDrive\Doc' and includes standard window controls. The terminal output shows the program prompting for a string 's1', which is 'we'. It then assigns 's1' to 's2', resulting in 's2 = we'. A separator line of dashes follows. The program then exits, displaying 'Process exited after 23.9 seconds with return value 0' and 'Press any key to continue . . .'.