

```
1 // Attached: Lab_2.1
2 //
3 // =====
4 // File: Lab_2-1.pdf (strings)
5 // =====
6 // Programmer: Stephen Moye
7 // Class: CMPR 121 Tuesday
8 // Instructor: Dennis Rainey
9 //
10 // Description:
11 // This program will take in a users first and last name
12 // and where they live and output it in a sentence. It
13 // will also check if first and last name are the same.
14 //
15 // =====
16
17 #include <iostream>
18 #include <string>
19
20 using namespace std;
21
22 // =====
23 // main
24 // =====
25 int main()
26 {
27     string firstName = "";
28     string lastName = "";
29     string fullName = "";
30     string city = "";
31
32     cout << "Enter your first name: ";
33     getline(cin, firstName);
34
35     cout << "Enter your last name: ";
36     getline(cin, lastName);
37
38     cout << "Enter the state you live in: ";
39     getline(cin, city);
40
41     fullName = firstName + " " + lastName;
42     cout << "\nHi " << fullName << ". So you live in " << city << ".\n";
43     cout << "Your first name has " << firstName.length() << " characters, \nand
44         your last name has " << lastName.length() << " characters.\n\n";
45
46     if (firstName == lastName)
47     {
48         cout << " Your first and last names are the same.\n\n";
49     }
50     else {
51         cout << " Your first and last names are NOT the same.\n\n";
52     }
```

```
52     return 0;
53 }
54 // =====
55 // end of main
56 // =====
57
58
59 /* ===== Output =====
60 Enter your first name : Lee
61 Enter your last name : Lee
62 Enter the state you live in : California
63
64 Hi Lee Lee.So you live in California.
65 Your first name has 3 characters,
66 and your last name has 3 characters.
67
68 Your first and last names are the same.
69
70
71 C:\\Users\\Steve\\Desktop\\School\\Computer Science\\CMPR121\\Labs\\Lab_2 - 1\\Debug\\Lab_2 - 1.exe(process 6784) exited with code 0.
72 To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
73 Press any key to close this window . . .
74
75 =====
    */
```