

CP1L1 Script and Output

Michael Brodskiy

Professor: B. O'Connell

November 1, 2022

Listing 1: CP1L1 Script

```
1  /*
2  * =====
3  *
4  *      Filename:  CP1L1MBROD.cpp
5  *      Assignment: C++ Lab #1 Part 1
6  *      Title: Simple Addition Calculator
7  *
8  *      Description:  Displays the sum of two numbers chosen by user
9  *
10 *      Version:    1.0
11 *      Created:    11/01/2022
12 *      Revision:   none
13 *      Compiler:   GCC
14 *
15 *      Author:    M. Brodskiy
16 *
17 * =====
18 */
19
20 #include <iostream> // Include header file for input/output
21 #include <iomanip>  // Include header file to manipulate input
22
23 using namespace std; // Declare standard namespace use
24
25 float a,b;
26
27 int main() {
28
29     // Introduce user to program
30     cout << "Welcome to the Great Addition Calculator!" << endl;
```

```

31
32 // Instruct for input
33 cout << "Please enter the first number: ";
34 cin >> a;
35 cout << "Please enter the second number: ";
36 cin >> b;
37
38
39 // Set output to fixed and 3-point precision
40 cout << fixed << setprecision(3);
41
42 // Print out result
43 cout << "The sum of " << a << " and "
44     << b << " is " << (a + b) << endl;
45
46 return 0; // Return 0 to signify successful exit code
47
48 }

```

Listing 2: CP1L1 Output

```

1 Welcome to the Great Addition Calculator!
2 Please enter the first number: -10.125
3 Please enter the second number: 11.750
4 The sum of -10.125 and 11.750 is 1.625

```