

## Seatwork

### My First Function

Course Code: CPE 007	Program: Computer Engineering
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### 6. Output

#### CODE:

```
CMakeLists.txt      main.cpp x

1 #include <iostream>
2 using namespace std;
3
4 void greetUser();
5 int perimComp(int length, int width); //perimeter computation
6
7 int main (){
8     greetUser();
9
10    int length, width, result;
11
12    cout << "Please input a Length: ";
13    cin >> length;
14
15    cout << "Please input a Width: ";
16    cin >> width;
17
18    result = perimComp (length, width);
19
20    cout << "The Perimeter is: ";
21    cout<<result<<endl;
22 }
23
24 void greetUser(){
25     cout<< "Hello, Welcome to the Perimeter Computation!!" <<endl;
26 }
27
28
29 int perimComp (int length, int width) {
30     int perimeter = 2 * (length + width);
31     return perimeter;
32 }
```

#### OUTPUT:

```
Hello, Welcome to the Perimeter Computation!!
Please input a Length: 20
Please input a Width: 12
The Perimeter is: 64

Process finished with exit code 0
```

## **7. Supplementary Activity**

### **Analysis:**

-The program starts off with a greet function to have a greet statement or simply welcomes the user to the program when the user runs it. Then it initializes length, width, and result, followed by a user input code to let the user know to input a value for length and width. The program uses the function “periComp” to compute the perimeter using the formula “ $2 * (length + width)$ ”.

## **8. Conclusion**