

Seatwork	
My First Function	
Course Code: CPE 007	Program: Computer Engineering
Course Title: Programming Logic and Design	Date Performed: 10/16/2025
Section: CPE11S1	Date Submitted: 10/16/2025
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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 $2 * (\text{length} + \text{width})$.

8. Conclusion