

Seatwork	
My First Function	
Course Code: CPE 007	Program: Computer Engineering
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6. Output

CODE

```

1  #include <iostream>
2  using namespace std;
3
4  float perimComp(float length, float width);
5
6  int main() {
7      float length, width, result;
8
9      cout << "Welcome to the Perimeter Computation Program!\n";
10
11     cout << "Enter the length: ";
12     cin >> length;
13     cout << "Enter the width: ";
14     cin >> width;
15
16     result = perimComp(length, width);
17
18     cout << "The perimeter is: " << result << endl;
19
20     return 0;
21 }
22
23 float perimComp(float length, float width) {
24     float perimeter;
25     perimeter = 2.0 * (length + width);
26     return perimeter;
27 }
28

```

OUTPUT

```

Welcome to the Perimeter Computation Program!
Enter the length: 34.75
Enter the width: 25.16
The perimeter is: 119.82

-----
Process exited after 16.49 seconds with return value 0
Press any key to continue . . .

```

ANALYSIS

When running this code, a function perimComp is declared containing two parameters length and width using the float data type. This defines the functions to be used later on. Inside the main function, variables length, width and result are

declared as float again. The next lines wait for user input by prompting a message to the user to input the length and width. The cin commands read and store the user input. A function at line 16 calls for perimComp and brings the input data as parameters. The function does the computations then returns the result to main. Line 18 displays the result. perimComp is declared again but this time contains the block of code to compute the values. The values are computed with the operation at line 25 then returned back to main.

7. Supplementary Activity

8. Conclusion