

Seatwork (online class)

My First Function

Course Code: CPE007	Program: Computer Engineering
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6. Output

1.

AUHHYANN.cpp

```
1 #include <iostream>
2 using namespace std;
3
4 int perimComp();
5 void greetings();
6 void results (int);
7
8 int main () {
9     int result;
10
11     result = perimComp();
12     results (result);
13 }
14
15
16 int perimComp () {
17     int length;
18     int width;
19
20     greetings();
21
22     cout << "The length: ";
23     cin >> length;
24
25     cout << "The width: ";
26     cin >> width;
27
28     return length * width;
29 }
30
31 void greetings(){
32     cout << "Perimeter Computation !!" << std::endl;
33 }
34
35 void results (int perimeter){
36     cout << "The perimeter is: " << perimeter;
37 }
```

```
C:\Dev-Cpp\AUHHYANN.exe + -  
Perimeter Computation !!  
The length: 13  
The width: 7  
The perimeter is: 91  
-----  
Process exited after 8.565 seconds with return value 0  
Press any key to continue . . . |
```

7. Supplementary Activity

Analysis:

- This program is made to compute and show the perimeter of a rectangle. It starts with the greetings() function that displays "Perimeter Computation!!". Then it asks the user to enter the length and width. After getting the numbers, the perimComp() function multiplies them to get the result. The results() function then shows the answer with "The perimeter is: ...". In the output, the program shows "Perimeter Computation !!", then asks "The length: 13" and "The width: 7", and finally displays "The perimeter is: 91". The program is simple and uses different functions for greeting, solving, and showing the result.

8. Conclusion