

ActivityNo.5.1

My First Function

Course Code: CPE007	Program: Computer Engineering
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6.Output:

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

Analysis:

The code includes a function that calculates the perimeter of a rectangle by taking the length and width of the rectangle as parameters and returns the perimeter as int to the main function. The main function asks the user to input the length and width values and stores the function's result in a variable. Then the code outputs the calculated perimeter to the user. This program demonstrates the concept of functions for modularity and how to work with input and output in C++.

7. Supplementary Activity:

8. Conclusion: