

Activity No. n

Seat-Work My First Function

Course Code: CPE007	Program: Computer Engineering
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Name(s): Cenndy M. Nieles	Instructor: Engr. Jimlord M. Quejado

6. Output

The screenshot shows the Dev-C++ IDE interface. The menu bar includes Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help, and a build configuration dropdown set to TDM-GCC 4.9.2 64-bit Release. The toolbar contains various icons for file operations like Open, Save, Print, and Build. The left sidebar shows project, classes, and debug tabs, with 'october16.cpp' selected. The main code editor window displays the following C++ code:

```
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: " << result << endl;
21
22    return 0;
23 }
24
25 void greetUser() {
26     cout << "Hello, welcome to the Perimeter Computation!" << endl;
27 }
```

The screenshot shows a terminal window titled 'C:\Users\joyni\OneDrive'. The window displays the following text:

```
Hello, welcome to the Perimeter Computation!
Please input a length: 5
Please input a width: 3
The perimeter is: 16

-----
Process exited after 16.03 seconds with return value 0
Press any key to continue . . . |
```

7. Supplementary Activity

A function's behavior, effectiveness, and quality can be understood by following a few essential steps when analyzing it in C++. First, look at the function signature to determine the parameters and return type, noting if they are passed by reference or value. Next, examine the function's internal logic, including any recursive calls, conditionals, and loops, to ascertain its purpose and whether it manages edge cases appropriately.

8. Conclusion