Activity No. 1.3	
Writing First Program using C++ Language	
Course Code: CPE007	**Program:** Computer Engineering
Course Title: Programming Logic and Design	**Date Performed: August 31, 2025**
Section: CPE11S1	**Date Submitted: August 31, 2025**
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6. Output

1. Errors: No "using namespace std;" after "include <iostream>" line
        "int" must not be included
        "()" must not types in line 5
        No space after ":" at line 5

```
1   #include <iostream>
2   using namespace std;
3
4▾  int main() {
5     cout<<"The value of five is: "<< 5;
6     return 0;
7   }
```

```
The value of five is: 5

=== Code Execution Successful ===
```

2. Errors: No "include <iostream>" and "using namespace std;" lines before int main ()
        Delete ",0" before (-10)
        No space after ":" at line 5

```
1   #include <iostream>
2   using namespace std;
3
4▾  int main() {
5     cout<<"The value of six is: "<<16-10;
6     return 0;
7   }
```

```
The value of six is: 6

=== Code Execution Successful ===
```

3. Errors: No space after ":" at line 6
        Edit "otherVariable" to "simpleVariable" at line 6
        Recommended: indent 5-7 lines

```
1   #include <iostream>
2   using namespace std;
3
4▾  int main() {
5     int simpleVariable = 10;
6     cout<<"The value of ten is: "<<simpleVariable;
7     return 0;
8   }
```

```
The value of ten is: 10

=== Code Execution Successful ===
```

4. Errors: Delete "60" at both seconds and minutes variable as variable cannot start with numbers
        No ";" at declaring variable lines
        Delete ")" after "minutes" at line 7
        Input "<<" seconds"" after "minutes" at line 7
    Recommended: indent 5-8 lines

```
1   #include <iostream>
2   using namespace std;
3
4 - int main() {
5     int seconds = 60;
6     int minutes = 60;
7     cout<<"One hour is "<<seconds * minutes<<" seconds";
8     return 0;
9   }
```
```
One hour is 3600 seconds

=== Code Execution Successful ===
```

5. Errors: Edit the value on ip Part 1 to "127" from "027"
            Input underlines in space on "ip PartX"
            Input "<< ".'"" after IP Part 1 to 3 in order to include other variables until Part 4
            Delete ")" after "Part4) at line 9

```
1   #include <iostream>
2   using namespace std;
3
4 - int main() {
5     int ip_Part1 = 127;
6     int ip_Part2 = 0;
7     int ip_Part3 = 0;
8     int ip_Part4 = 1;
9     cout<<"Localhost IP is " << ip_Part1 << "." << ip_Part2 << "." << ip_Part3 << "." << ip_Part4;
10    return 0;
11  }
```
```
Localhost IP is 127.0.0.1


=== Code Execution Successful ===
```

7. Supplementary Activity

Exercise 4.1:
```
1   #include <iostream>
2   using namespace std;
3
4 - int main() {
5     cout<<"Jaime Luis M. Demain"<<endl;
6     cout<<"CPE007"<<endl;
7     cout<<"CPE11S1";
8     return 0;
9   }
```
```
Jaime Luis M. Demain
CPE007
CPE11S1

=== Code Execution Successful ===
```
Exercise 4.2:

```
1   #include <iostream>
2   using namespace std;
3
4 ▾ int main() {
5     cout<<"Jaime Luis M. Demain"<<endl;    Jaime Luis M. Demain
6     cout<<"Jaime Luis M. Demain"<<endl;    Jaime Luis M. Demain
7     cout<<"Jaime Luis M. Demain";          Jaime Luis M. Demain
8     return 0;
9   }                                        === Code Execution Successful ===
```

8. Conclusion
Conclusion: I already know most of these as I already experienced how to code like this properly. What I learned from this activity is that when declaring variables, they should not start with numbers. It must start with letters. It will output errors if you attempt to declare variables starting with numbers. Next is when you want to display multiple declared variables in one cout line, it must input "<<" instead of "," in connecting variables and " " after << and before another variable so that multiple variables will be processed and not just one. Overall, I learned some on this activity like on what I mentioned.