Activity No. 1.3	
Hands-on Activity 1.3: Writing First Program using C++ Language	
Course Code: CPE007	**Program:** Computer Engineering
Course Title: Writing First Program using C++ Language	**Date Performed:**
Section: CPE11S1	**Date Submitted:**
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6. Output

Exercise 4.1:

There is no "endl;" in last cout

```cpp
1   #include <iostream>
2   using namespace std;
3
4   int main (){
5       cout << "Rence" << endl;
6       cout << "Tobii" << endl;
7       cout << "CPE11S1" << endl;
8       return 0;
9   }
```

```
C:\Dev-Cpp\1.exe                  ×      +    ˅

Rence
Tobii
CPE11S1

------------------------------------
Process exited after 3.324 seconds with return value 0
Press any key to continue . . .
```

Exercise 4.2:

There is no "endl;" in the last cout

```cpp
1    #include <iostream>
2    using namespace std;
3
4    int main (){
5        cout << "Rence Tobii" << endl;
6        cout << "Rence Tobii" << endl;
7        cout << "Rence Tobii" << endl;
8        return 0;
9    }
```

```
C:\Dev-Cpp\1.exe        ✕    +    ˅

Rence Tobii
Rence Tobii
Rence Tobii


---------------------------------
Process exited after 2.661 seconds with return value 0
Press any key to continue . . .
```

7. Supplementary Activity

1. There is no int five = 5; in the code, so the value of five is missing. Also, the cout line is wrong because there is no ; at the end, and there is no << after cout. The semicolon is needed to end the command, and the << is needed to show the output correctly.

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

C:\Dev-Cpp\1.exe   ×   +   ∨

```
The value of five is: 5

-----------------------------------
Process exited after 2.294 seconds with return value 0
Press any key to continue . . .
```

2. There is no #include <iostream> and no namespace std;. Also, it should have int six = 6.

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

```
The value of six: 6

--------------------------------
Process exited after 2.498 seconds with return value 0
Press any key to continue . . .
```

3. The name of the number in int should be the same as the name that comes after 'The value of ten is:' so they will match.
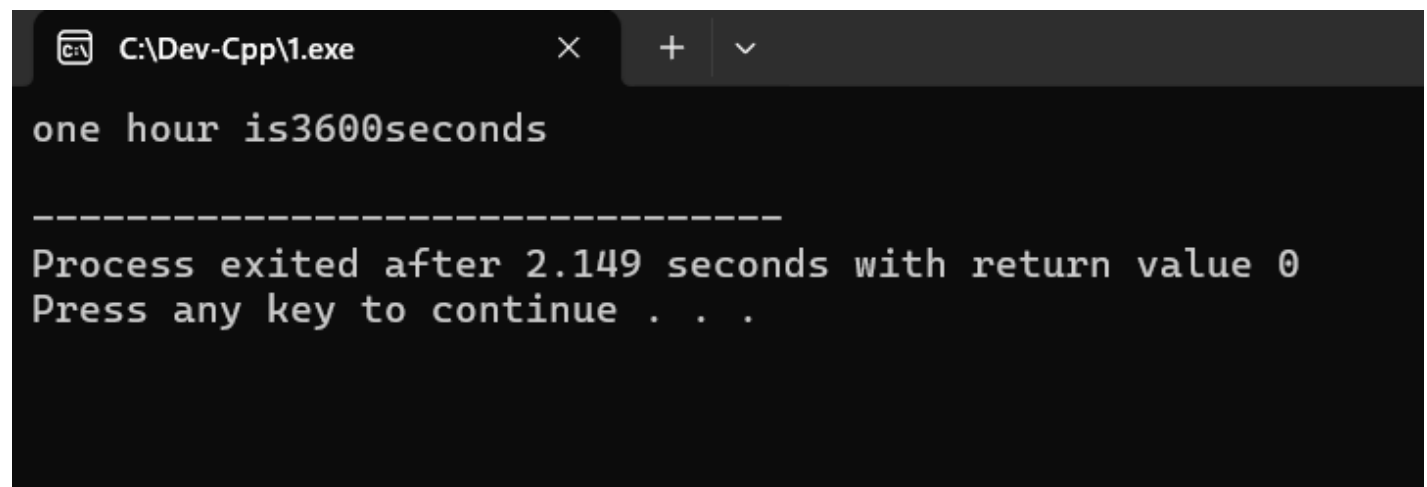
```cpp
1    #include <iostream>
2    using namespace std;
3
4    int main (){
5        int ten = 10;
6        cout << "The value of ten: " << ten << endl;
7        return 0;
8    }
```

```
The value of ten: 10

--------------------------------
Process exited after 2.748 seconds with return value 0
Press any key to continue . . .
```

4. The value of 60 minutes is wrong. To find how many seconds are in one hour, you must use multiply, not add. The right formula is int secondsPerHour = secondsPerMinute * minutesPerHour;. If you use the plus sign, it will only add the numbers and the answer will be 120, which is not correct. The right way is to do 60 seconds in one minute times 60

minutes in one hour, and the answer will be 3600 seconds in one hour.

```cpp
1    #include <iostream>
2    using namespace std;
3
4    int main (){
5        int secondsPerMinute = 60;
6        int minutesPerHour = 60;
7        int secondsPerHour = secondsPerMinute * minutesPerHour;
8
9        cout << "one hour is" << secondsPerHour << "seconds" << endl;
10       return 0;
11   }
```

C:\Dev-Cpp\1.exe

```
one hour is3600seconds


------------------------------------
Process exited after 2.149 seconds with return value 0
Press any key to continue . . .
```

5. You must put a dot after every number so it will be correct. In 'ip part1,' do not put any space because it will be wrong. Also, use 127 and not 027, because if you use 027 the output will not be the same.

```cpp
1    #include <iostream>
2    using namespace std;
3
4    int main (){
5        string localhostIP = "127.0.0.1";
6        cout << "localhost IP is " << localhostIP << endl;
7        return 0;
8    }
```

```
C:\Dev-Cpp\1.exe          ×    +    ∨

localhost IP is 127.0.0.1

---------------------------------

Process exited after 2.526 seconds with return value 0
Press any key to continue . . .
```

8. Conclusion

It is a little hard for me to find the mistakes in every number, because even one small typo can change the whole code and make it not work. Sometimes I have to check many times to see what is wrong. But even if it is difficult, it helps me learn. In the end, I start to remember the right way to write the codes. I also learn which texts or symbols should not be placed in the code. This practice makes me more careful and helps me avoid errors next time.

9. Assessment Rubric

Rubric for SO 7 (6)

Criteria	Ratings						Pts
SO 7 PI 1 IILO4 Utilize lifelong learning skills in pursuit of personal development and excellence in professional practice. threshold: 4.8 pts	**6 pts** Excellent | Educational interests and pursuits exist and flourish outside classroom requirements,knowledge and/or experiences are pursued independently and applies knowledge learned into practice	**5 pts** Good | Educational interests and pursuits exist and flourish outside classroom requirements,knowledge and/or experiences are pursued independently	**4 pts** Satisfactory | Look beyond classroom requirements, showing interest in pursuing knowledge independently	**3 pts** Unsatisfactory | Begins to look beyond classroom requirements, showing interest in pursuing knowledge independently	**2 pts** Poor | Relies on classroom instruction only	**1 pts** Very Poor | No initiative or interest in acquiring new knowledge	6 pts
SO 7 PI 2 IILO4 Utilize lifelong learning skills in pursuit of personal development and excellence in professional practice. threshold: 4.8 pts	**6 pts** Excellent | Completes an assigned task independently and practices continuous improvement	**5 pts** Good | Completes an assigned task without supervision or guidance	**4 pts** Satisfactory | Requires minimal guidance to complete an assigned task	**3 pts** Unsatisfactory | Requires detailed or step-by-step instructions to complete a task	**2 pts** Poor | Shows little interest to complete a task independently	**1 pts** Very Poor | No interest to complete a task independently	6 pts
SO 7 PI 3 IILO4 Utilize lifelong learning skills in pursuit of personal development and excellence in professional practice. threshold: 4.8 pts	**6 pts** Excellent | Synthesizes and integrates information from a variety of sources; formulates a clear and precise perspective; draws appropriate conclusions	**5 pts** Good | Evaluate information from a variety of sources; formulates a clear and precise perspective.	**4 pts** Satisfactory | Analyze information from a variety of sources; formulates a clear and precise perspective.	**3 pts** Unsatisfactory | Apply the gathered information to formulate the problem	**2 pts** Poor | Gather and summarized the information from a variety of sources but failed to formulate the problem	**1 pts** Very Poor | Gather information from a variety of sources	6 pts
SO 7 PI 4 IILO4 Utilize lifelong learning skills in pursuit of personal development and excellence in professional practice. threshold: 4.8 pts	**6 pts** Excellent | Ideas are combined in original and creative ways in line with the new and emerging technology trends to solve a problem or address an issue.	**5 pts** Good | Ideas are creative and adapt the new knowledge to solve a problem or address an issue	**4 pts** Satisfactory | Ideas are creative in solving a problem, or address an issue	**3 pts** Unsatisfactory | Shows some creative ways to solve the problem	**2 pts** Poor | Shows initiative and attempt to develop creative ideas to solve the problem	**1 pts** Very Poor | Ideas are copied or restated from the sources consulted	6 pts

Total Points: 24