| Hands-on Activity 1.3 | |
|---|---|
| Writing First Program using C++ Language | |
| **Course Code:** CPE007 | **Program:** Computer Engineering |
| **Course Title:** Programming Logic and Design | **Date Performed:** 09/01/2025 |
| **Section:** CPE11S1 | **Date Submitted:** 09/01/2025 |
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**6. Output**

**Exercise 4.1**

```cpp
#include <iostream>
using namespace std;

int main() {
    cout << "Marqui Johsua Cenar" << endl;
    cout << "CPE007" << endl;
    cout << "CPE11S1";

    return 0;
}
```

Output:
```
Marqui Johsua Cenar
CPE007
CPE11S1

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

**Exercise 4.2**

```cpp
#include <iostream>
using namespace std;

int main() {
    cout << "Marqui Joshua Cenar" << endl;
    cout << "Maqrui Joshua Cenar" << endl;
    cout << "Marqui Joshua Cenar";

    return 0;
}
```

Output:
```
Marqui Joshua Cenar
Maqrui Joshua Cenar
Marqui Joshua Cenar

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

# 7. Supplementary Activity

1. There's no "int five = 5"
   There's no "<<" after cout

```cpp
main.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
8      return 0;
9  }
```

```
Output

The value of five is: 5



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

2. Does not contain "#include <iostream>" and "using namespace std;"
   Has no "int six = 6"

```cpp
main.cpp
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int six = 6;
6      cout << "The value of six is: " << six << endl;
7
8      return 0;
9  }
```

3. "simpleVariable" should be ten, same as with "The value of ten is: "

```cpp
main.cpp

1   #include <iostream>
2   using namespace std;
3
4 - int main() {
5       int ten = 10;
6       cout << "The value of ten is: " << ten << endl;
7
8       return 0;
9   }
```

Output

The value of ten is: 10

=== Code Execution Successful ===

4. "60minutes = 50" should be "60minutes = 60"
   There's no code for multiplication

```cpp
main.cpp                                              Share

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
11      return 0;
12  }
```

**Output**

```
One hour is: 3600 seconds


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

5. There's not dot per number instead of doing it one by one
   There shouldn't be a space in "ip part1"
   027 should be 127

```cpp
main.cpp

1   #include <iostream>
2   using namespace std;
3
4 ▾ int main() {
5       string localhostIP = "124.0.0.1";
6       cout << "Localhost IP is: " << localhostIP << endl;
7
8       return 0;
9   }
```

```
Output

Localhost IP is: 124.0.0.1


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

## 8. Conclusion

I learned how to check every detail of the codes to find out what's wrong and what needs to be added to complete the program/code

## 9. Assessment Rubric

**Rubric for SO 7 (3)**

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

Total Points: 24