Activity No. 1.3	
Writing First Program using C++ Language	
Course Code: CPE 007	**Program:** Computer Engi
Course Title: Programming Logic and Design	**Date Performed: 08/30/25**
Section: CPE11S1	**Date Submitted: 09/1/2025**
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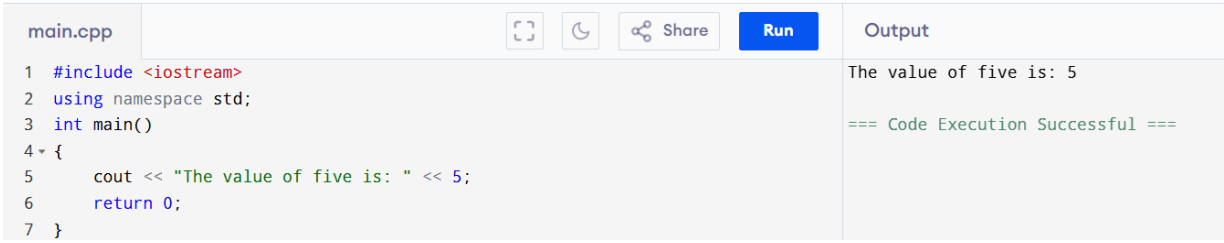
6. Output

1. **Check the program below. Find all possible compilation errors and logic errors. Fix them. Your version of the program must print the same result as the expected output. Before you use your compiler, try to find the errors only by manual code analysis.**

```
#include <iostream>
        int main()
        {
        cout("The value of five is:"<< 5int);
        return 0;
        }
```

The Problem And Issues : The problem of this code is that it still has int even though 5 is already an integer and is also missing “using namespace std;” before cout or you can also use “std::cout”

The Output :



main.cpp | Share | Run | Output

```cpp
#include <iostream>
int main()
{
    std::cout << "The value of five is: " << 5;
    return 0;
}
```

```
The value of five is: 5

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

2. **Check the program below. Find all possible compilation errors and logic errors. Fix them. Your version of the program must print the same result as the expected output. Before you use your compiler, try to find the errors only by manual code analysis.**

```cpp
int main()
{
cout<<"The value of six is:"<<16,0-10-;
return 0;
}
```

The Problem And Issues : You shouldn't add unnecessary numbers if all you want to have is the value “6”.

The Output :

main.cpp | Share | Run | Output

```cpp
#include <iostream>
int main()
{
    std::cout << "The value of five is: " << 6;
    return 0;
}
```

```
The value of five is: 6

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

3. Check the program below. Find all possible compilation errors and logic errors. Fix them. Your version of the program must print the same result as the expected output. Before you use your compiler, try to find the errors only by manual code analysis. If you want to improve the variable names, then do so, but remember that variable names have to be as descriptive as possible, and also as short as possible.

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

int main()
{
int simpleVariable = 10;
cout<<"The value of ten is:"<<otherVariable);
return 0;
}
```

The Problem And Issues : The problem of this code is that the code simplevariable and other variable don't match. You need to change one in other for both of them to work and match.

The Output :

```cpp
#include <iostream>
using namespace std;
int main()
{
    int SimpleVariable = 10;
    cout << "The value of ten is: " << SimpleVariable;
    return 0;
}
```

```
The value of ten is: 10

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

4. Check the program below. Find all possible compilation errors and logic errors. Fix them. Your version of the program must print the same result as the expected output. Before you use your compiler, try to find the errors only by manual code analysis. If you want to improve the variable names, then do so, but remember that variable names have to be as descriptive as possible, and also as short as possible.

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

int main()
{
int 60seconds = 60;
int 60minutes = 50;
cout<<"One hour is "<<60seconds * 60minutes);
return 0;
}
```

The Problem And Issues : There are multiple spaces in this code and also numbers that aren't needed so I removed some of it to make it functional.

The Output :

main.cpp Share Run Output

```cpp
#include <iostream>
using namespace std;
int main()
{
    int seconds = 60;
    int minutes = 60;
    cout << "One hour is: " << seconds * minutes;
     return 0;
}
```

```
One hour is: 3600

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

5. Check the program below. Find all possible compilation errors and logic errors. Fix them. Your version of the program must print the same result as the expected output. Before you use your compiler, try to find the errors only by manual code analysis. If you want to improve the variable names, then do so, but remember that variable names have to be as descriptive as possible, and

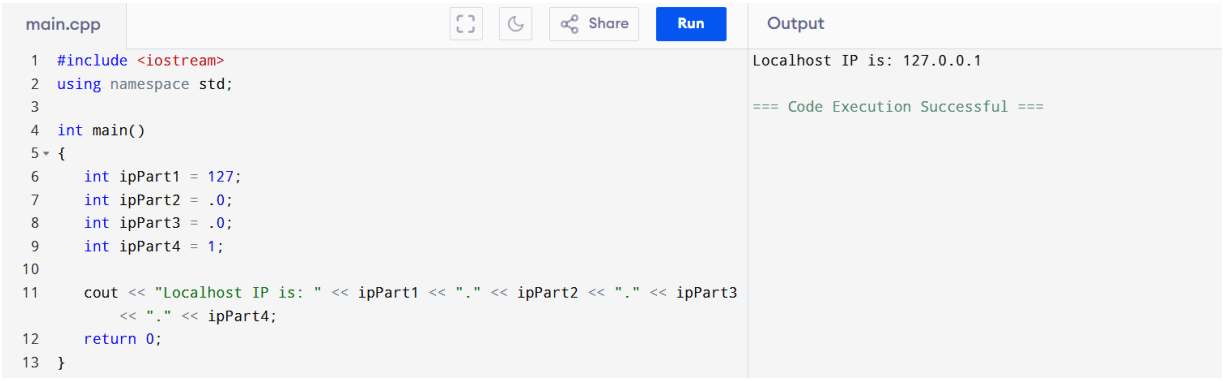
also as short as possible.

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

int main()
{
int ip Part1 = 027;
int ip Part2 = 0;
int ip Part3 = 0;
int ip Part4 = 1;
cout<<"Localhost IP is "<< ip Part1, ip Part2, ip Part3, ip Part4);
}
```

The Problem And Issues : Same as other codes , it lacks some codes like “.” and needed a little more finalizing because of the spaces like ip Part1 that should be ipPart1.

The Output :



7. Supplementary Activity

8. Conclusion

I have learned a lot while doing this activity, some of the code that I have forgotten so it was a bit challenging for me but It really refreshed my brain I now understand old topics more because of this activity.

9. Assessment Rubric

Rubric for SO 7 (3)

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