

Week 1 Assignment: My First Program

Directions: You are to write a C++ program that meets the instruction requirements below.

Deliverables:

Your C++ source code file. (The file with the .CPP extension). No other files will be accepted.

- A screenshot of your program running.

Program Instructions:

Consider the following program segment:

```
//include statement(s)
//using namespace statement
```

```
int main()
{
    //variable declaration
    //executable statements
    //return statement
}
```

1. Write a C++ statement that includes the header file iostream.
2. Write a C++ statement that allows you to use cin, cout, and endl without the prefix std::.
3. Write C++ statement(s) that declare the following variables: num1, num2, num3, and average of type int.
4. Write C++ statements that store 125 into num1, 28 into num2, and -25 into num3.
5. Write a C++ statement that stores the average of num1, num2, and num3, into average.
6. Write C++ statement(s) that output the values of num1, num2, num3, and average.
7. Compile and run your program.
8. Include your name, course as a comment at the top of the program.
9. Comment each line of the program explaining what lines does.

(see next page for grading rubric)

Grading Criteria Assignments	Maximum Points
Program accomplishes requested operations per instructions	40
The code works and meets all assignment specifications	30
The code is organized and easy to follow and output is clear and clean	20
Uses software tools correctly and efficiently	10
Total	100