Objective: Become familiar with the C++ compiler/environment that you plan to use for the programming assignments in this class. I strongly recommend using the Unix system as we discussed in class.

Requirements:

- Get the “Hello, world!” program working.
- Add a function (ShowProgramHeader() as described in lecture) to print your name and class information before the “Hello, world!” message.
  
  Note: This will be required on all future assignments.

The following changes should generate compiler errors/warnings. If it does, record the message; if it does not, record that. Turn this record in with your assignment.

- Remove the semi-colon from the output statement in main().
- Comment out the using namespace std; statement. Use both a block comment or an in-line comment. Is there a difference?
- Comment out the #include <iostream> statement (older compilers used #include <iostream.h>). Use both a block comment or an in-line comment. Is there a difference?
- Change the double quotes that enclose the Hello, world! message to single quotes.
- Change the << (put to operator) to < on one of your output lines.
- Remove the starting brace from main().
- Remove the closing brace from main().
- Change cout to Cout or COUT.
- Change main to Main or MAIN.
- Change the name of the function that displays your name, date, etc., from ShowProgramHeader() to ShowHeader().

Deliverables:

- Program—fully documented.
- Output—neatly formatted and documented.
- List of errors—neatly formatted

If you have any questions regarding this assignment, do not hesitate to contact me. This assignment is very important to those of you unfamiliar with compilers. Start working on this assignment as soon as possible.