

COSC 051: Computer Science I  
Professor: Jeremy Bolton  
Exercise #1: Hello World

This assignment will be your first program. The goal is to learn how to create a C++ source code file, compile the code, and execute it.

1. Write a C++ program that simply prints the words "Hello World" to the console. Use filename "HelloWorld.cpp" for this program. You may create this file using an editor of your choosing. I encourage you to simply use an editor (emacs) on our course server: cs-class.uis.georgetown.edu. Remember you can gain access using an SSH client (putty). See Chapter 2 and review lecture notes discussing how to write your first program.
2. Next compile your file. You can do so using the GNU C++ compiler (g++). You can call the compile command from the command line as follows.

```
g++ -o <outputFileName> <inputFileName>
```

```
g++ -o HelloWorld HelloWorld.cpp
```

If you have questions on the use of g++, read the manual by typing: `man g++`.

3. You may have some compilation errors, you must identify and correct these errors.
4. If compilation is successful, you may execute the outputFileName. You can accomplish this by as follows:

```
./ <outputFileName>
```

```
./HelloWorld
```

5. Submit your .cpp file (Not the executable file) **AND** a screen shot of your program executing on the class server (with netID visible).