

# CSC 130 Scientific Programming SP14

---

Programming Assignment 1 - Hello World / pgm1.c

Due: Thursday, January 22, before class

Problem: Write a “Hello World” program

Input: None

Output: Print to the console the message “Hello World from <your\_name\_here>!” where <your\_name\_here> is your name. Do not print brackets <>.

The purpose of this assignment is to make sure that you can enter, compile, link and run a C program with a complete program identification comment block as all assignments require.

Create a file called Hello.c using the sample C programs that have been presented in class as a guide. The output function **printf()** is to be used to display string constants to standard output. Include comments at the beginning of your program file that list your name, the assignment name (Program 1 - Hello World, course information, the due date, and a short description of the project describing what it does.

You may use the portable development environment created on your USB drive as copied from the Reynolds network folder: K:\Instructors\Morrisett\CSC130

The root directory of you USB should have 5 folders:

(MinGW, npp, C-how, Assignments, Examples) and the file setpath.bat

Create a directory in Assignments for your program (> md Program\_1)

You must add a complete program identification comment block at the start of your C source code file. For example:

```
/*  
*****  
* my comment block here  
* and here  
*/
```

There is a program description comment block template on Blackboard in Course Documents.

Comments in C begin with `/*` and end with `*/`, the comment can span multiple lines.

C++ comments are supported in C source files by most C compilers and begin with `//` and end at the end of the line. Do not use this kind of comment for a comment block.

You will submit the source code files with a *make* Makefile for grading as a Blackboard assignment submission for CSC 130.