

CSC415 OPERATING SYSTEM PRINCIPLES

Assignment 1 Hello World

Before you start, read the instructions in the file named “UNIXInstruction” on iLearn to set up the UNIX environment on your PC.

For this assignment you will write a simple program in C that prints out the following string on the shell command line:

```
Hello CSC415, I am <your name>!
```

where `<your name>` is replaced by your name. The value of your name should be stored in a `#define` constant.

Write the program using a single low level `write()` (using the integer 1 as the file descriptor to represent standard out), along with the `sprintf()` function to format your output into a buffer prior to printing. You can check the **Linux man pages** for details on how to use POSIX system calls such as `write()` and `sprintf()` (Google it!).

Name your code file as “helloworld.c”. Submit it to the regular submission link on iLearn.