Goals

The goal of this assignment is to get your system setup so you’ll be ready for the rest of the assignments this quarter. You will learn how to login to a UNIX machine, change your password, and write a simple C program.

Assignment Specification

For this assignment you will login to the VM that has been setup for you. This is your own personal virtual machine, and you are responsible for it. Do not share it with any other student. You have full sudo privileges so be careful!

You are required to change your password to something secure. Do you have a strong password? [If you don’t, or are unsure, click here](#). After changing your password you are required to write a simple “Hello World!” program in C. This program should print “Hello World” and exit, that’s it. Compile the program and leave it in a directory called assgn0 in your home directory for full credit. The assignment will be graded directly on your VM so no submission is necessary. Submission time will be determined by the timestamps on the .c/.h files as well as the binary, so do not modify them after the submission date or they will be considered late.

The three required steps to complete this assignment:

1. Log onto your VM (ssh)
2. Change your password (passwd)
3. Write a hello world program in C (gcc)

Each of these steps will be worth $\frac{1}{3}$ of the grade for this assignment ($33\frac{1}{3}$ points each). You should be able to complete this assignment quickly, if you have questions or are stuck email esteggall@soe.ucsc.edu for help.

Hints

The manual “man” pages are your friend. Learn how to read these “e.g. man ssh”. If you are missing a package, then use apt-get, for example if you were missing gcc, then you would type: “sudo apt-get gcc”. If you ever have questions on how to use a tool consult the man pages first, TA second.