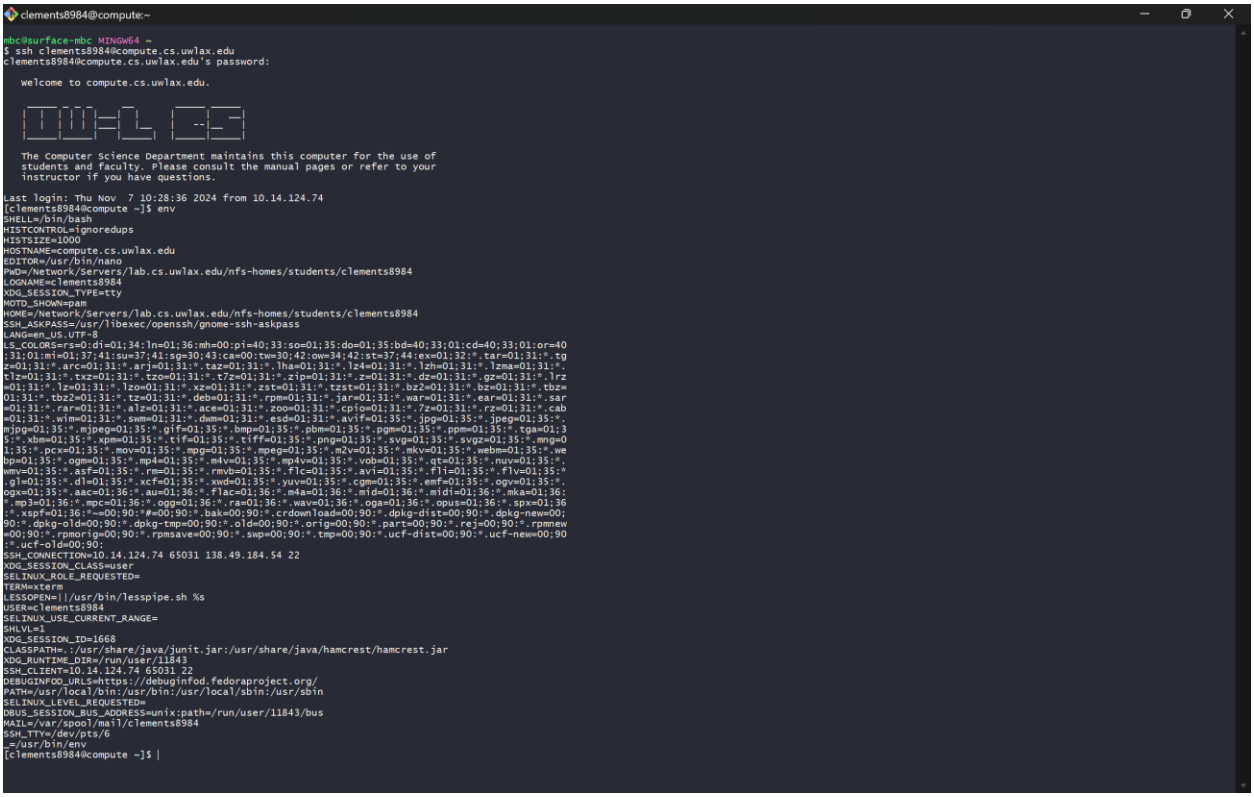
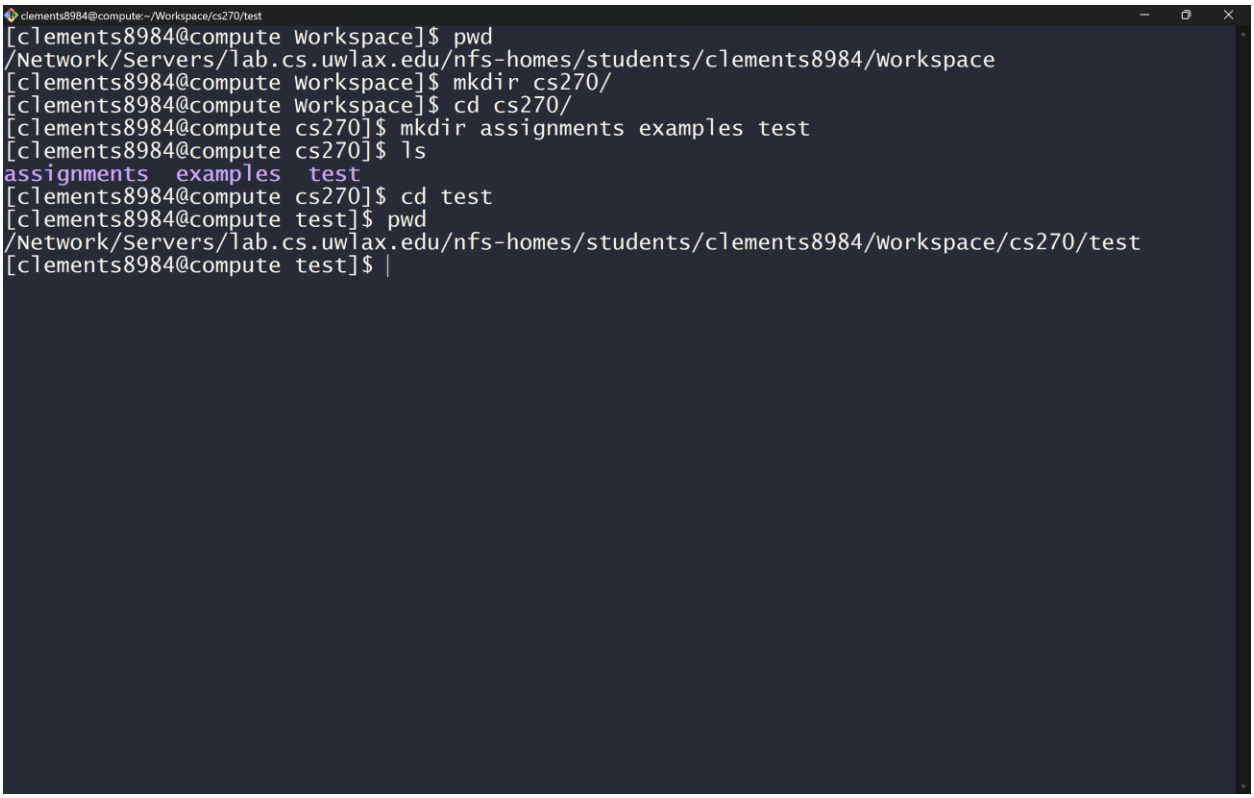
Assignment 4 – Marcus Clements

Task 1 (1.1-1.3.1)



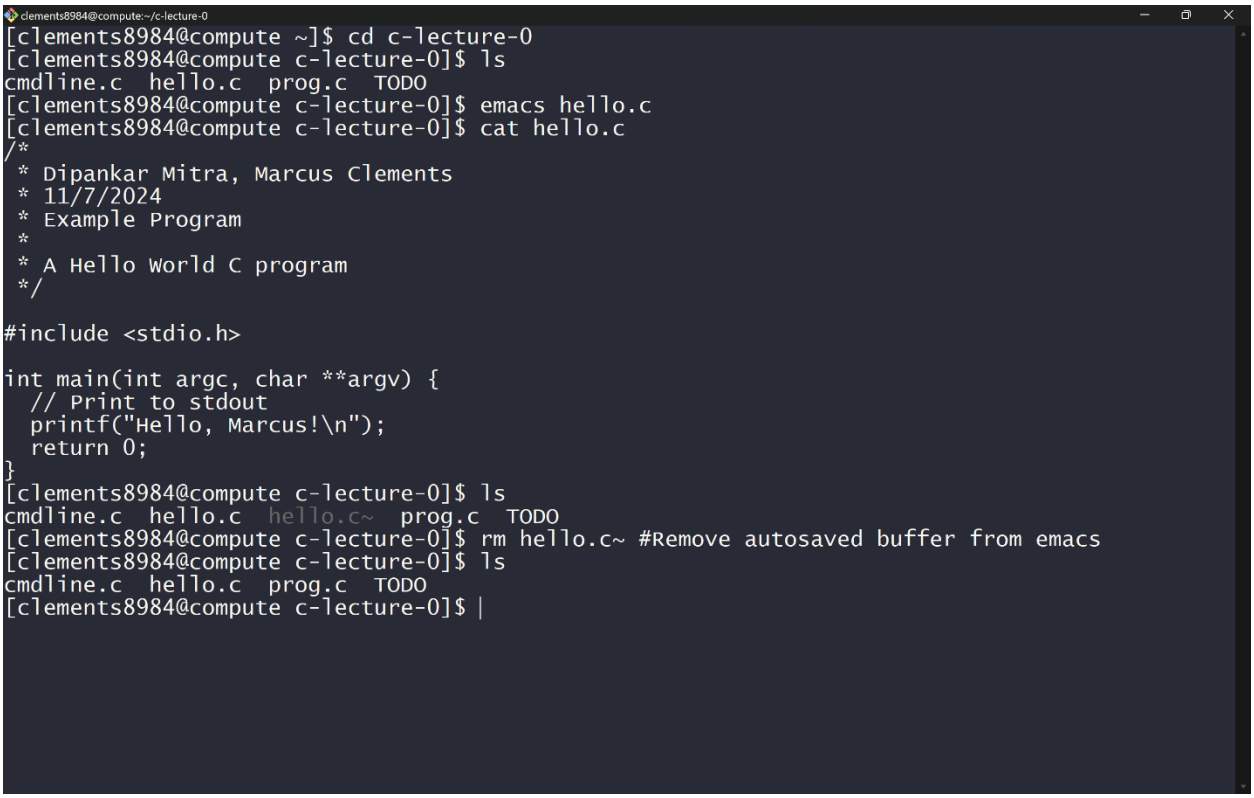
Above, you can see me ssh into the compute.cs server from my personal surface computer. My environment is configured as expected, as can be seen from the output of the ‘env’ command in the above screenshot.

Task 2 (1.4)



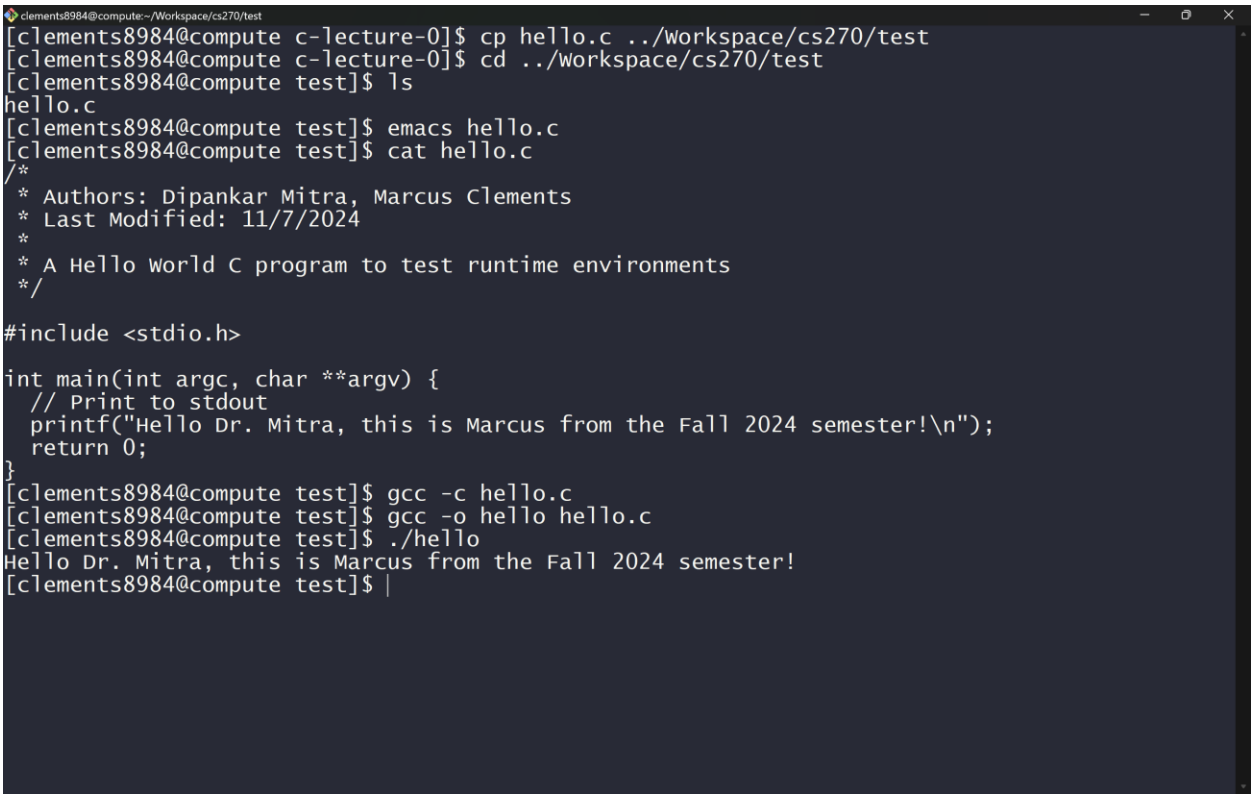
Here, you can see me print my working directory, make the cs270 directory, then that directory's three subdirectories. I then enter the subdirectory 'test' and execute the 'pwd' command again to print my current location in the filesystem.

Task 3 (1.5)



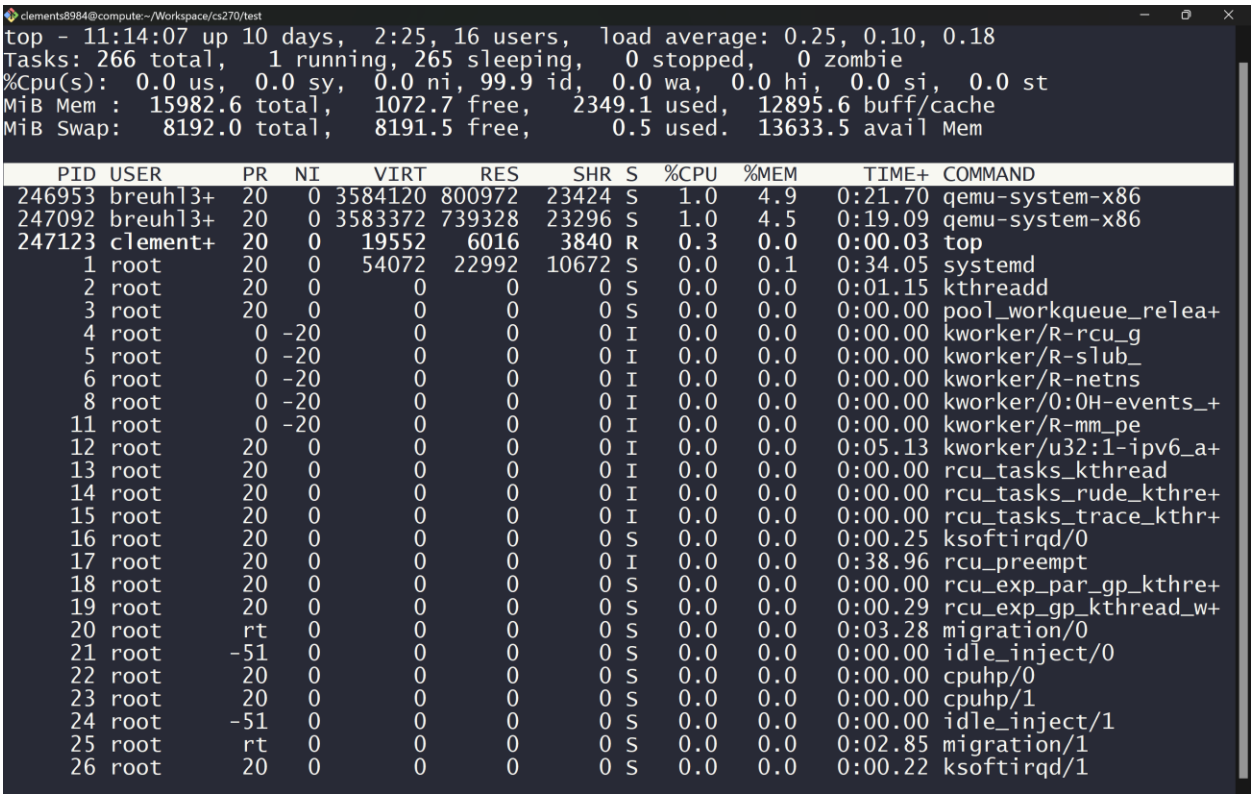
Here, after transferring and unzipping the c-lecture-0 archive, I'm left with the 'c-lecture-0' directory in the root of my computing environment. I move into it, edit the 'hello.c' file in emacs, then save it and print the files again. I also removed the autosaved buffer created automatically by emacs.

Task 3 (1.5) continued:



Then, as instructed, I copy the file from the ‘c-lecture-0’ directory to the ‘test’ directory I created earlier. After navigating to the ‘test’ directory, I confirm the file is present there then edit it again to print a customized message and include my name and date. I then compile the program without linking it, then link it to a specific executable, ‘hello’. All that’s left after this is to execute the file with ‘./hello’, and the function executes as expected, printing the message to the screen.

Task 4 (1.6)



Here, you can see a screenshot of the ‘top’ command being run from the ‘test’ directory in my computing environment. The process shows up third in a list of processes being run on the system.