Name:

Submit your quiz by depositing your work in the directory:

/data/courses/ece\_1111/current/quizzes/qu\_02/lastname\_firstname/

You must create this directory, using your specific name in all lowercase characters with no spaces, and you must set your permissions so that only you can view the directory (and root of course).

1. (50 pts) Create a subdirectory p01. In a file mywork.txt, insert the solution to this problem.

Using a combination of find and grep, find all files in this database:

/data/courses/ece\_1111/resources/reports

that contains the text “ECE 1111 is a great class”. Put the command and the results in your text file. Hint: Try a command something like this - find /home/picone -exec ls -l {} \;

1. In a subdirectory p02, write a C program named myprog.cc that uses make files and a header file. This program should set a 32-bit float to the value of argv[1], and a long integer to the value of argv[2]. Print these values to stdout using fprintf as we have shown in class. Your output should look like this:

argv[1] = <value>

argv[2] = <value>

Use four decimal points for the float when you print it and use 10 digits for the long.

Your program must compile and link using a make file. It should generate an executable file named myprog.exe. I will test it using the command line:

myprog.exe 27.2727 27