Name:

Load this document into Microsoft Word and edit it. When you are finished, deposit your document in your directory: */data/courses/ece\_1111/current/quizzes/qu\_01/lastname\_firstname*. Deposit a compressed pdf file (not a zip file but use Adobe Acrobat’s built-in compression).

1. (10 pts) When you log in, we discussed how a series of files are executed. Your command line prompt reads “ece-000\_[1]:”. Explain where and how this is set. Explain what happens when you type “bash” from the command line in a terminal window.
2. (10 pts) In the database located here:

*/data/courses/ece\_1111/resources/data*

using Linux command line tools such as find, find the number of files that contain “aaa” and the number “5” in the filenames. Note that these things must appear in the filename, not the directory name. You can use pipes, but you must use a one-line Linux command. Place the command and its output in this document. You must run the command from your home directory. Begin the sequence with a “p” to show me you are in your home directory.

1. (10 pts) Write a Linux command that searches all the text files in */data/courses/ece\_1111/resources/ data* and prints out any line in any file that contains “joe”. You must ignore binary files like mp3 files. You should print the name of the file that produced the match, and the line in the file containing “joe”. Matching should be case insensitive, meaning “Joe”, “JOE”, “jOe”, etc., should produce a match. In your document, include the first 10 lines of output. Then use a pipe and “wc -l” to count the total number of matches and report this in your document.