Name:

Submit your quiz by depositing your work in the directory:

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

Put problem 1 in subdirectory p01 and problem 2 in subdirectory p02.

1. (50 pts) Write a single Unix command line (you can pipe commands) to count the total number of lines in all the text files that have the number “27” in their filename or directory name found here:

/data/courses/ece\_1111/current/resources/reports/960

Only count a line if it contains the word “slowing” and DOES NOT contain the word “awake”. Ignore case (uppercase and lowercase characters are treated the same, so “Slowing” and “sloWIng” are matches).

Put your command in a file named p01.txt on the first line. Add the result you obtained from running your command on the above directory starting at line 2 on this file.

1. (50 pts) The file /etc/passwd contains a list of all users who have access to ece-000. Write a Unix command (using pipes if necessary) to print out a list of login names (the first field in each line in this file). Only print each name once even if it occurs multiple times. Sort the output so the names ae displayed in reverse alphabetical order. Your output should look something like this:

…

tuj11141

tuj02859

tui95787

tui78217

tui72378

…

Put your command in a file p02.txt in /p02. Also put the output from your command in this file.