Name:

Please remember you must follow instructions exactly in this course. Failure to follow these instructions will result in a failing grade on this quiz.

1. (50 pts) Write single Unix command line (you can pipe commands) to count the number of lines in the files here:

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

that contain the word “patient” but DO NOT contain the word “sleep”. Create a file named p01.txt that contains your command and shows the final count (the output of the command).

1. (50 pts) Write a C program, called p02.cc, to add two floating-point numbers and print the result. Using the float data type, set one variable, called x, to a value of 27.2727272727272727. Add 3.3333333 to this variable.

Set a second float variable, called y, to a value of -0.2727272727272727. Subtract 3.3333333 from it.

Print the sum of the two to stdout. Comment on your result. What should the result be? Put your result in a file p02.txt.

Submit your quiz by depositing your work in the directory:

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