Name:

Deposit your work in this directory:

/data/courses/ece\_1111/current/quizzes/qu\_01/<lastname\_firstname>

We will refer to this as your quiz directory.

1. (75 pts) In the database located here:

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

using Linux command line tools, find the number of files that have a filename that includes the characters “aa”, “bb”, “cc”, and “dd” in any order any number of times, and has a file extension of “.edf”. For example, a filename like “bbbcccaadddd.edf” would be acceptable.

In the file p01.txt, place the command you used to find the files, and the result of this command. Show the filenames matching the requirement, and the count. The command should be a one line command (hint: use find) and can be a sequence of commands connected by pipes. It should end in “wc -l” which will count the number of matches.

1. (25 pts) Generate a listing of all files in the above database (/data/courses/ece\_1111/resources/data) into a file in your quiz directory (hint: find /data/courses/ece\_1111/resources/data -type f > p02.dat).

Describe the sequence of keyboard commands (not mouse commands) in emacs you would use to open this file, split the window into two horizontal windows (hint: ctrl x 2), switch the name of the lower buffer to “1” (hint: “ctrl x o” and ctrl x b 1), and then copy and paste the first two lines in the upper buffer into the lower buffer.

Place the sequence of commands in a file named p02.txt in your quiz directory.