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.

Deposit your answers in the directory */data/courses/ece\_1111/current/quizzes/qu\_01/lastname\_firstname*, where *lastname\_firstname* is all lowercase. We will use this directory name for all your assignments.

1. (40 pts) In a subdirectory *p01*, deposit a text file named *mylist.txt* that contains a listing of all filenames in */data/courses/ece\_1111/resources/data* that contain the characters “gd” and “s006”, “s007”, or “s008” as part of the filename. You must do this using a single Unix command line (which can have multiple commands embedded in it). Cut and paste the terminal output from your command, including the command line, into this file. Your file should look something like this:

ece-000\_[1]: ls -l /data/courses/ece\_1111/resources/data

total 32

drwxrwxr-x. 2 picone ece\_1111 51 Apr 21 23:19 binary

drwxrwxr-x. 2 picone isip 82 Apr 16 23:21 file\_formats

drwxrwxr-x. 590 picone isip 16384 Apr 9 08:30 lots\_of\_files

drwxrwxr-x. 3 picone isip 51 Apr 24 00:51 matrices

drwxrwxr-x. 2 picone isip 26 Apr 9 08:31 text

but of course, it should include the correct command and its output.

1. (20 pts) In a subdirectory *p02*, write a bash shellscript called “*p02.sh*” that does the following:

* captures the date in a variable named “MYDATE”
* echoes the value of this variable to the terminal (stdout)

Set the permissions on this file to it is executable such that I can execute your script by simply typing “*p02.sh*”.

1. (20 pts) In a subdirectory *p03*, deposit a pdf file named *p03.pdf*, that contains an explanation to the following question: What is the difference between executing the command “bash” from the command line and logging into your account? Your explanation should focus on the properties of the resulting shell that is created (e.g., are there differences in the environment that is set up?).
2. (20 pts) Do this part last. In a subdirectory *p04*, in a file *p04.txt*, list all files in your quiz directory. The output should look like this:

-rw-rw-r--. 1 picone isip 0 Aug 30 03:37 picone\_joseph/p01/mylist.txt

-rw-rw-r--. 1 picone isip 0 Aug 30 03:37 picone\_joseph/p02/p02.sh

-rw-rw-r--. 1 picone isip 0 Aug 30 03:38 picone\_joseph/p03/p03.pdf

-rw-rw-r--. 1 picone isip 0 Aug 30 03:38 picone\_joseph/p04/p04.txt