Name:

Deposit your quiz solution in this directory:

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

1. (50 pts) In a subdirectory *p01*, write a Python program named p01.py, not a script, that prints “hello world” followed by the current date, followed by the program name. Your output must look like this (“...” are placeholders):

p01.py

hello world

today’s date is: ...

the program name is: ....

The program must follow our conventions for a program, which includes a main function and code at the bottom of your file that invokes the main function. Follow the example I showed in class. Make sure you format and comment the code correctly.

1. (50 pts) In a subdirectory *p02*, deposit a text file named *mylist.txt* that contains a listing of all files in */data/courses/ece\_1111/resources/data/lots\_of\_files* that contain the characters “09\_15”. You must do this using a single Unix command line (which can have multiple commands embedded in it). Add a second command that does the same thing but also counts the number of files and prints the number to stdout. Note you must operate on the content of each file, not the filename.

At the top of *mylist.txt*, you need to list these two commands. The next line should contain a line 80 characters long of dashes (“------”). Then the filenames produced by the output of your command. At the bottom, display the count that your second command generated.

I must be able to run your commands and get the results shown or you will get zero credit for this problem.