Name:

Submit your quiz by depositing your work in the directory:

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

You must create this directory, using your specific name in all lowercase characters with no spaces, and you must set your permissions so that only you can view the directory (and root of course).

1. (50 pts) Create a subdirectory p01. In file named p01.sh, write a shellscript that counts the number of lines of all files in a directory tree that have a “.csv” extension. For example, your command run on this directory tree:

ece-000\_[1]: p01.sh /data/courses/ece\_1111/resources/data/dev/aaaaagdr

the total number of lines = 125

Your shellscript should produce the output shown above ‘exactly’ (match the format above). Make sure it runs by typing the script name as shown above.

1. Write a C program, p02.cc, that accepts two values from the command line:

ece-000\_[1]: p02.exe 27.0 1 <\* the name of the program

alex [27.0000] + jordan [1] = sum [28.0000] <\* your output

ece-000\_[1]: p02.exe -99.0 -3 <\* the name of the program

alex [-99.0000] + jordan [-3] = sum [-102.0000] <\* your output

The program should:

1. Initialize a floating point variable, alex, to the floating-point value of argv[1].
2. Initialize a second integer variable, jordan, to the integer value of argv[2].
3. Add alex and jordan together and place the result in a third variable called sum:

sum = alex + jordan;

1. prints the result to standard output using the **exact** format above.

Your code should work for any values that I initialize these variables to. In other words, don't hardcode the print statement to only print the line above. Your output should look EXACTLY like the line above!

You must provide a Make file and a header file as shown in class so that I can compile your program with “make”.