Name:

For this quiz, copy the examples I have been using in class (Makefile, example.h, and example.cc). Place your solution in example.cc. Make sure it compiles with make and executes the example below correctly.

1. (75 pts) Write a C program that sums the decimal values of characters input from a filename specified from the command line. Test this program using this file:

/data/courses/ece\_1111/current/quizzes/qu\_03/picone\_joseph/example.txt

Your program should process this file using a command line argument and produce the following output:

ece-000\_[1]: example.exe /data/courses/ece\_1111/current/quizzes/qu\_03/picone\_joseph/example.txt

sum = 160

Your program should work for any file containing arbitrary characters. For example:

ece-000\_[1]: example.exe /data/courses/ece\_1111/current/quizzes/qu\_03/picone\_joseph/example\_2.txt

sum = 50

1. (25 pts) Use the od command to print the decimal values of each character in the above file. Your output should look something like this:

ece-000\_[1]: od ????????? /data/courses/ece\_1111/current/quizzes/qu\_03/picone\_joseph/example.txt

0000000 49 50 51 10

0000004

Obviously, you can use this od command to debug your program ☺