

### CISC105 Spring 2007 Project 3

Due 5/14/07 at midnight (that is 12 a.m. 5/15). Paper copy due Tuesday in your TA's mailbox in 101 Smith.

Name:\_\_\_\_\_

Section:\_\_\_\_\_TA:\_\_\_\_\_

Login name:\_\_\_\_\_

Read these **3** pages carefully, and fill in blanks and check off boxes that apply. Then **SIGN** at the bottom of the last sheet and **STAPLE** all to the front of your project.

Remember, **all** compiling and scripting must be done on the composers, not on a PC (ssh to a composer **is** on the composer).

Read the C coding and Assignment Standards page on the class website.

Do not modify the data provided if you want full credit. If you do modify data, you must say so below, and say how it was modified and why.

Script all examples fully (see below), and then check the box next to each to indicate you did so, and that it worked correctly. You must follow standard script protocol, cat the program, etc. See lab00 if you have a question about scripting.

Note: You can get partial credit for a program that works partially. Just show your program's capabilities in the script file and make a note to your TA so they can understand what you did when they are grading. If you don't show us, we won't know it works and you will not receive credit for it.

## Testing

Here are the testing instructions. Perform them in the order listed to receive full credit. Check them off as you perform them.

- ☐ 1 start script
- ☐ 2 cat your .h file
- ☐ 3 cat your program
- ☐ 4 cat the new data file classroomTunes3.csv
- ☐ 5 compile your program
- ☐ 6 type "rm output.csv" to remove a file
- ☐ 7 start the program and read in the new classroomTunes3.csv data file
- ☐ 8 print the data

- ☐ 9 sort by size
- ☐ 10 print the data
- ☐ 11 show your menu handling the erroneous selection inputs 41 and “alpo”.
- ☐ 12 add the tune: White Rabbit,Jefferson Airplane,—,—,Psychedelic Rock,3691055,153,5,14,—,50
- ☐ 13 add the tune: Look Sharp!,Joe Jackson,Joe Jackson,Live 1980/86 (Disc 1),Rock, 6319769, 263, 11, 11, 1988, 38
- ☐ 14 write the data to a file named “output.csv”
- ☐ 15 read from “testing.csv”
- ☐ 16 sort by artist
- ☐ 17 print the data
- ☐ 18 exit your program
- ☐ 19 cat the file output.csv in the shell
- ☐ 20 start the program using “output.csv” as a command line argument
- ☐ 21 print the data
- ☐ 22 add three more tunes that you make up
- ☐ 23 sort by tune name
- ☐ 24 print the data
- ☐ 25 write to a file named “more.csv”
- ☐ 26 exit your program
- ☐ 27 cat the file more.csv in the shell

## Overall performance

For each part, check the ONE box that best describes the performance of your program. NOTE: this must match the actual performance of your code in the script file or your project will be penalized.

	works perfectly for all data	runs w/bugs	compiles	won't compile
old data file				
new data file				

Answer: Did you modify any of the input data? If so, what did you change, and why?

Here is space for any other information about your program, its capabilities (e.g. error testing), or its execution that you think the grader should know. If your program does not work perfectly, explain which part doesn't work here:

Check **EVERY** box below and **sign** to have your project graded and to receive full credit for your project. Unsigned projects will receive a **zero**.

I have not altered my script file in any way.

I have thoroughly checked the output of my project for all data sets provided.

I have circled all errors in my output, if any. (possible 10 % penalty)

I have read the Assignment Standards section of the website.

I have read the C Coding Standards section of the website.

I have done all the coding on this project by myself, and I am familiar with the University's policy on academic honesty.

I have read the notes and examples regarding Academic Honesty on the class website, and I understand them.


I certify that the above statements are true.

SIGNATURE\_\_\_\_\_