CIS-350
INFRASTRUCTURE TECHNOLOGIES
GROUP LAB 1 REPORT

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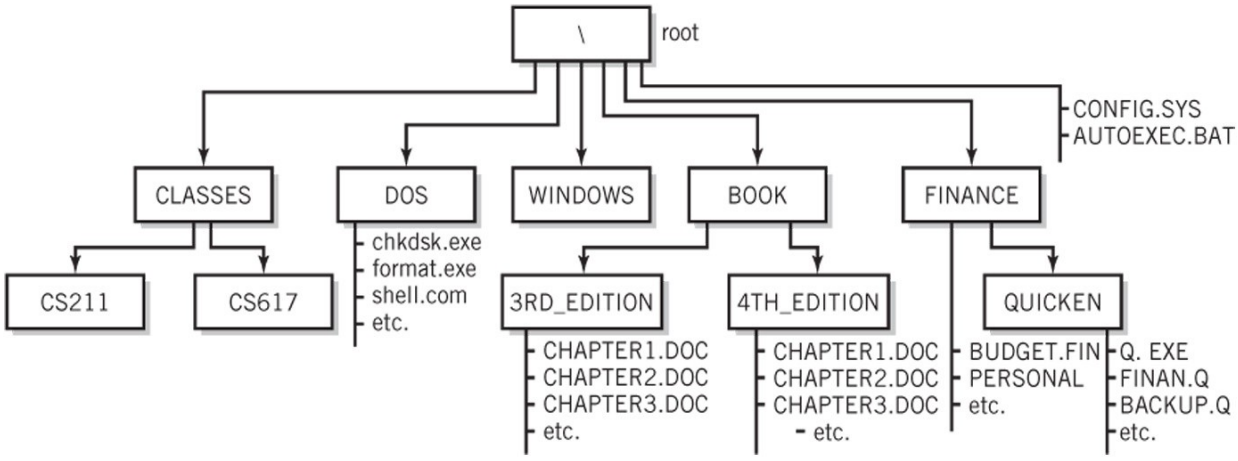
Worth 50 points **Due Date: See Blackboard**

Though this is a Group Lab 1 Report, you must work this hands-on Lab 1 individually. After **you do that, get in groups, discuss and provide answers to the following problems, and submit this report, one per group, to Blackboard. When you work Lab 1 hands-on, you are likely to do better on Test 3 which will cover the operating systems part of the course.**
You must use this template to submit Group Lab 1 Report.

1. Insert *Lab1_Tree* file from p. 25 of the Lab1 instructions into the space provided or use the *Alt-PrtScr* keys to capture the full screen output (full window) from command *TYPE Lab1_Tree* on p. 25 and paste that window here. One screen capture/shot from any group member will do. Choose the one that you think is closest to the solution, i.e. it contains all the necessary folders and files in them. (20 points)

2. Below you have the following directory structure. At the top there is the root directory denoted by a backslash "\". *CLASSES*, *DOS*, *WINDOWS*, *BOOK*, *FINANCE*, etc. are the names of subdirectories residing under the root directory; *CONFIG.SYS* is the name of a file residing in the root directory, and *chkdsk.exe*, *CHAPTER1.DOC*, *Q.EXE*, etc. are the names of the files stored in the subdirectories. The system prompt displays "*C:*\>" which means that the current/default drive is *C* and the current/default directory is the root directory "\". The root directory "\" is just the origin for other directories/subdirectories. (30 points)



All questions 2.a through 2.k are based on the above directory diagram. For questions 2.a through 2.e assume the prompt "*C:*\>" is displayed.

a. Write a command to copy file *AUTOEXEC.BAT* to directory *DOS*. The copied file should have the same name as the original file, i.e., *AUTOEXEC.BAT*.
COPY AUTOEXEC.BAT \DOS

b. Write a command to copy file *AUTOEXEC.BAT* to directory *CIS617*. The copied file should have new name *AUTOEXEC5.BAT*
COPY AUTOEXEC.BAT CIS617\AUTOEXEC5.BAT

c. Write a single command to copy all files whose names start with letter *C* from directory *4TH_EDITION* to directory *WINDOWS*. Use the wildcard(s) *.
COPY 4TH_EDITION\C* \WINDOWS

d. Write a single command to erase from directory *4TH_EDITION* all files whose names start with CH. Use the wildcard *.
DEL 4TH_EDITION\CH*

e. How many files would be erased by the command from point d above? **TWO** 3

f. Look at the diagram. Assume that prompt "*C:\FINANCE*>" is displayed, meaning that the current/default drive is *C* and the current/default directory is *\FINANCE*. Write two separate *SORT* commands. Each of the two commands would accept input from file *NAMES* and sort the file *NAMES* in the reverse order. The first command would route the output to file *NAMES_SORTED*, and the second one would append the output to file *NAMES_SORTED*.
SORT /R < NAMES > NAMES_SORTED
SORT /R < NAMES >> NAMES_SORTED

g. You are still in directory \FINANCE. Assume that *BUDGET.FIN* is a large file. What command that uses a piping operation would you use to display the contents of the file one screen at a time (to prevent the output from scrolling off the screen)?
TYPE BUDGET.FIN | MORE

h. Look at the diagram. Assume that prompt "*C:\CLASSES*>" is displayed. Write the command which would change the current directory to the root directory \.
**CD **

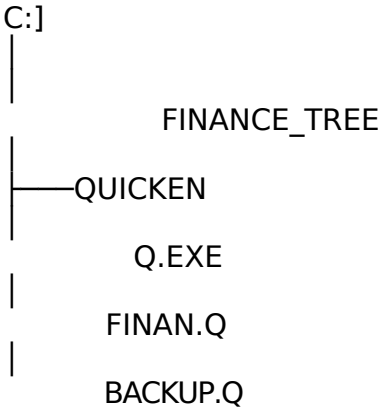
i. Assume that you are in the root directory \. Write a command or two commands that would create two new directories *JOE1* and *JOE2* under the root directory.

MKDIR JOE1 JOE2

j. Assume that you are in the directory *CLASSES*. What command would you use to move to directory CIS211 from directory CLASSES.

CD CIS211

k. Look at the diagram. Assume that prompt "*C:\FINANCE*>" is displayed. In the space provided, sketch the directory structure with the subdirectory and file names which would command *TREE* /F generate.



l. Now assume that the "C:\ " prompt is displayed. Using a piping operation | and then the output redirection >, write a single command that would pass the output from the DIR command as an input to the SORT command and the output from the SORT command would be directed to a file named *Directory_Sorted.*

DIR | SORT > Directory_Sorted

m. What does the command DIR | SORT | MORE do? Describe briefly.

DIR: Lists the contents of the current directory.
SORT: Sorts the output of the DIR command alphabetically.
MORE: Displays the sorted output one screen at a time, preventing it from scrolling off the screen.

3. Optional. Briefly describe any issues with the commands which did not work. Point me to the specific pages and suggest changes. Thanks.

COPY \Lab1\Letters\First_Names.txt \Lab1\Book
IT ASK IF YOU WANT TO OVERRIDE THE CURRENT FILES SO I JUST SAID NO AND CARRYIED ON