<div align="center">

CIS-350
Infrastructure Technologies

Lab 1 Report

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You must use this template to hand in Lab1 Report.

1. Insert the *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.

Folder PATH listing

Volume serial number is 4E5C-571C

D:.

³ Lab1_Tree

³

ÃÄÄÄBook

³   Asgn1.txt

³   First_Names.txt

³   Sally.txt

³   Tom.txt

³

ÃÄÄÄLetters

³   First_Names.txt

³   First_Names_Sorted

³   Jim

³   Lst.dat

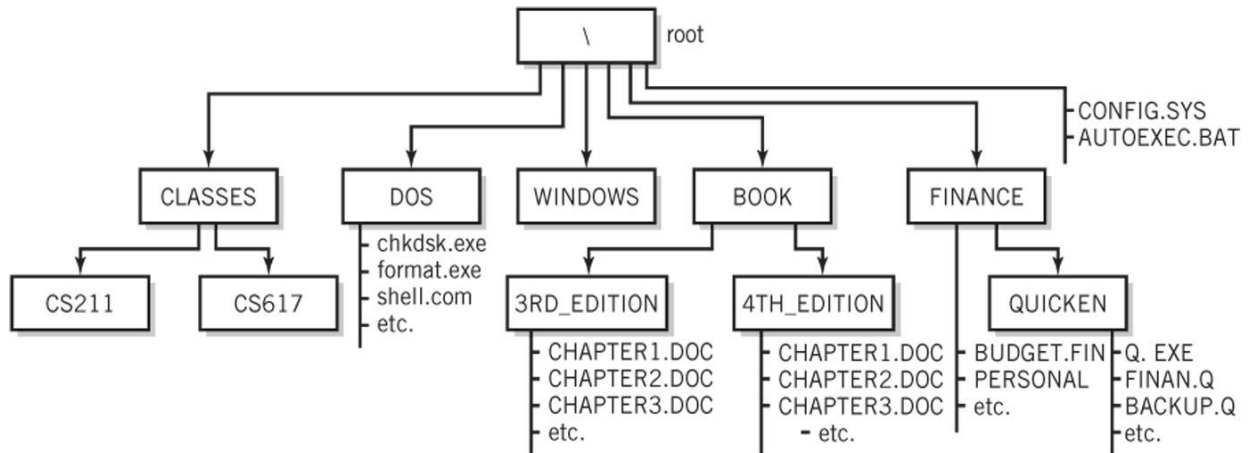³   Sally.txt

³   Tom.txt

³

ÀÄÄÄWs

      Chapt1.txt

1. 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.

All questions (a) through (j) are based on the above directory diagram. For questions (a) through (f) assume the prompt "*C:\ >*" is displayed.

(a) Write a command to copy file *CONFIG.SYS* to directory *DOS*. The copied file should have the same name as the original file, i.e., *CONFIG.SYS*.
_____COPY \CONFIG.SYS \DOS_____

(b) Write a command to copy a file *CONFIG.SYS* to directory *QUICKEN*. The copied file should have new name *CONFIG1.SYS*.
_COPY \CONFIG.SYS C:\FINANCE\QUICKEN\CONFIG1.SYS_____

(c) Write a single command to copy all files whose names start with letter *C* from directory *4TH_EDITION* to directory *FINANCE*.
_____4TH_EDITION>COPY C*.*? C:\FINANCE_____

(d) Write a single command to erase from directory *4TH_EDITION* all files whose names start with letter *C*.
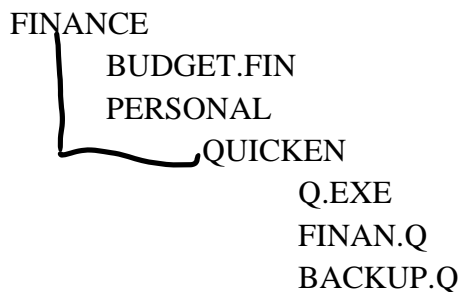_____ERASE \BOOK\4TH_EDITION\

(e) How many files would be erased by the command from p. (d) above? __3_

(f) Assume that *AUTOEXEC.BAT* is a large file. What command would you use to display the contents of the file one screen at a time (to prevent the output from scrolling off the screen)? _____\AUTOEXEC.BAT | MORE___

(g) Look at the diagram. Assume that prompt "*C:\FINANCE\QUICKEN>*" is displayed, meaning that the current/default drive is *C* and the current/default directory is *\FINANCE\QUICKEN*. Write two separate *SORT* commands. Each of the two commands would accept input from file *BACKUP.Q*. However, the first command would route the output to file *BACKUP1.Q*, and the second one would append the output to file *BACKUP2.Q*. _____SORT /R <BACKUP.Q> BACKUP1.Q
SORT /R <BACKUP.Q>> BACKUP2.Q

(h) Look at the diagram. Assume that prompt "*C:\FINANCE\QUICKEN>*" is displayed. Write the command which would change the current directory to *FINANCE*. _____CD\FINANCE_____

(i) 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.

FINANCE
      BUDGET.FIN
      PERSONAL
      QUICKEN
            Q.EXE
            FINAN.Q
            BACKUP.Q

(j) Now assume that the "C:\ " prompt is displayed. Describe what a command *DIR | SORT > DirList* would do.
_____The output of DIR is sent to the sort filter and stored in the DirList file_____

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

It all worked well for me!