CIS-350
Infrastructure Technologies
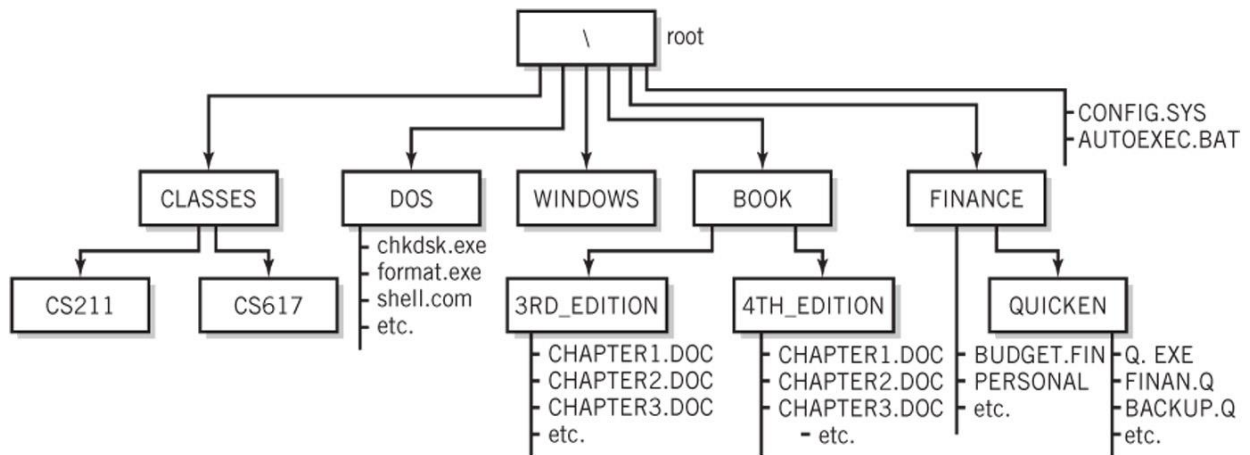
Lab 1 Report

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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.

```
D:\Lab1>TYPE Lab1_Tree
Folder PATH listing for volume Lexar
Volume serial number is 5B15-0DCB
D:.
    Lab1_Tree

├───Letters
        First_Names.txt
        Sally.txt
        Tom.txt
        Jim
        First_Names_Sorted
        Lst.dat

├───Book
        Asgn1.txt
        First_Names.txt
        Sally.txt
        Tom.txt

└───Ws
        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 \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*.
COPY \BOOK\4TH_EDITION\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\C*

(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)? **TYPE |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 <BACKUP.Q> BACKUP1.Q
SORT <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 ..

(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.

D: .
    BUDGET.FIN
    PERSONAL
    etc.

    QUICKEN
        Q. EXE
        FINAN.Q
        BACKUP.Q
    etc.

(j) Now assume that the "C:\ " prompt is displayed. Describe what a command *DIR | SORT > DirList* would do.
The output of the DIR command would be sent as the input to the SORT filter. The list of the files is then sorted in a temporary file and sent to the file DirList. If that file doesn't exist it would be created for the first time. If it does exist it will be overwritten with the new information.

2. <u>Optional</u>. Briefly describe any issues with the commands which did not work. Point me to the specific pages and suggest changes. Thanks.
NO ISSUES