

CIS-350
Infrastructure Technologies

Lab 1 Report

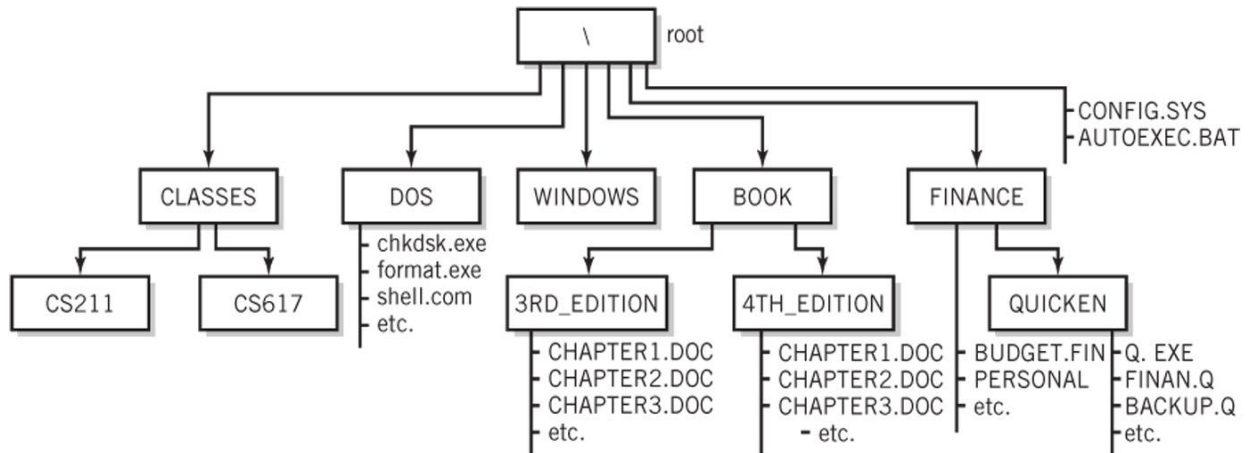
Student Name: _____ **Marvin Weaver** _____

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.

```
E:\>type lab1_tree
Folder PATH listing
Volume serial number is CC65-FA2C
E:..
  profile.ini
  lab1_tree
  Lab1
    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
  Lab2
E:\>
```

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*.

_____ C:\>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*.

_____ C:\>copy \config.sys\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*.

_____ C:\>copy \4TH_Edition\c*\Finance _____

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

_____ C:\>erase \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)? _____ C:\>dir /p \autoexec.bat _____

- (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 c:\finance\quicken\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

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 subdirectories would be sorted in order from A to Z,**
and then the results are 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.