CIS-350
Infrastructure Technologies

Lab 1 Report

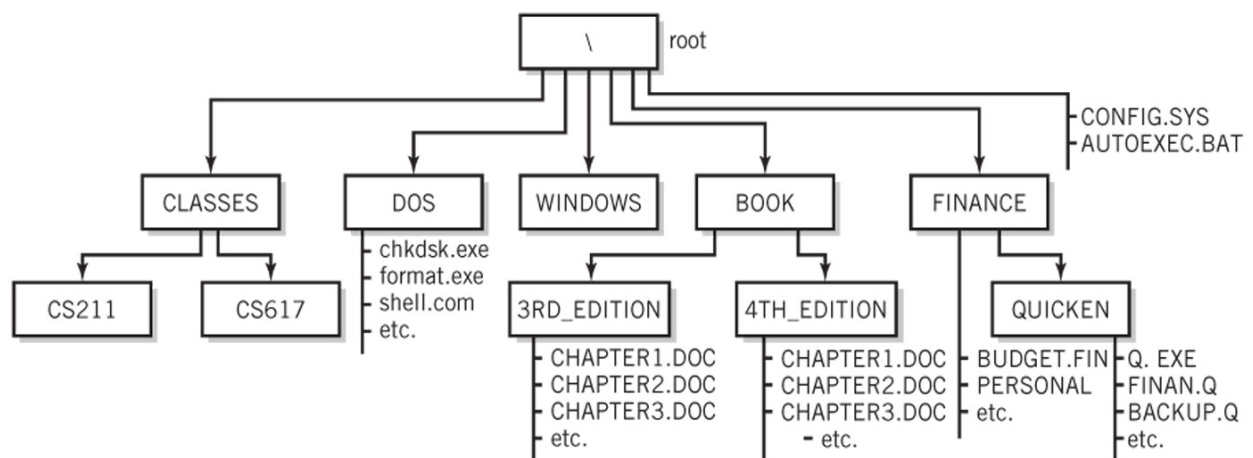**Student Name**:: Jacob Forcht

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.

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* and AUTOEXEC.BAT are the names of the files 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. Remember to separate the commands and operands/parameters by at least one space.

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 *AUTOEXEC.BAT* to directory *DOS*. The copied file should have the same name as the original file, i.e., *AUTOEXEC.BAT*.
C:\>COPY AUTOEXEC.BAT C:\DOS

(b) Write a command to copy a file *AUTOEXEC.BAT* to directory *3RD_EDITION* The copied file should have new name *AUTOEXEC1.BAT*.
C:\>COPY AUTOEXEC.BAT C:\3RD_EDITION\AUTOEXEC1.BAT

(c) Write a single command to copy all files whose names start with letter *C* from directory *3RD_EDITION* to directory *FINANCE*.
C:\3RD_EDITION >COPY C*.* C:\FINANCE

(d) Write a single command to erase from directory *3RD_EDITION* all files whose names start with letter *C*.
C:\3RD_EDITION> ERASE C*.*

(e) How many files would be erased by the command from p. (d) above? **3 known files would be destroyed, but it says ect. After chapter 3 so there could be more chapters that it deletes after 3 but from the diagram there is only 3 files that start with c**

(f) Assume that *CONFIG.SYS* 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)? **The "more" command for example C:\> DIR \CONFIG.SYS | 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 *FINAN.Q*. However, the first command would route the output to file *FINAN1.Q*, and the second one would append the output to file *FINAN2.Q*.

C:\FINANCE\QUICKEN> SORT < FINAN.Q > FINAN1.Q

C:\FINANCE\QUICKEN> SORT < FINAN.Q >> FINAN2.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*.
The command "C:\FINANCE\QUICKEN> CD .." would take you one directory back which would be the finance directory

(i) Look at the diagram. Assume that prompt "*C:\BOOK>*" is displayed. In the space provided, sketch the directory structure with the subdirectory and file names which would command *TREE* /F generate.
I'M GOING TO ASSUME "ETC." IS NOT INCLUDED

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C:\BOOK> TREE/F
|------3RD_EDITION
|                CHAPTER1.DOC
|                CHAPTER2.DOC
|                CHAPTER3.DOC
|
|------4TH_EDITION
                 CHAPTER1.DOC
                 CHAPTER2.DOC
                 CHAPTER3.DOC
```

(j) Now assume that the "C:\> " prompt is displayed. Describe what a command *DIR | SORT /R > SavedDir* would do.
The option /R means that the C: directory would be sorted in a descending order by date and would store the output to a file named "SavedDir"