CIS-350-01
Infrastructure Technologies

Lab 1 Report

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1. Insert the *Lab1_Tree* file from p. 24 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. 24 and paste that window here.
    - (Zoom in to see the tree at the bottom of the screenshot)

2. You have the following directory structure. ROOT (replaced by "\"), LETTERS, BOOK, BUSINESS, PERSONAL, CLUB, ROTARY, and JCC are names of directories/subdirectories, whereas MEMBER.1, MEMBER.2, and MEMBER.3 are names of files. Assume that the root directory ("\") stores the following files: *Go.bat*, *Paper1*, *Paper2*, *Paper3*, *Sheet1a*, *Sheet2*, *Sheet3*, *Sheet4*, *Shell1*, and *Shell2*. The system prompt displays "C:\>" which means that the current drive is C and the current directory is the root directory "\".
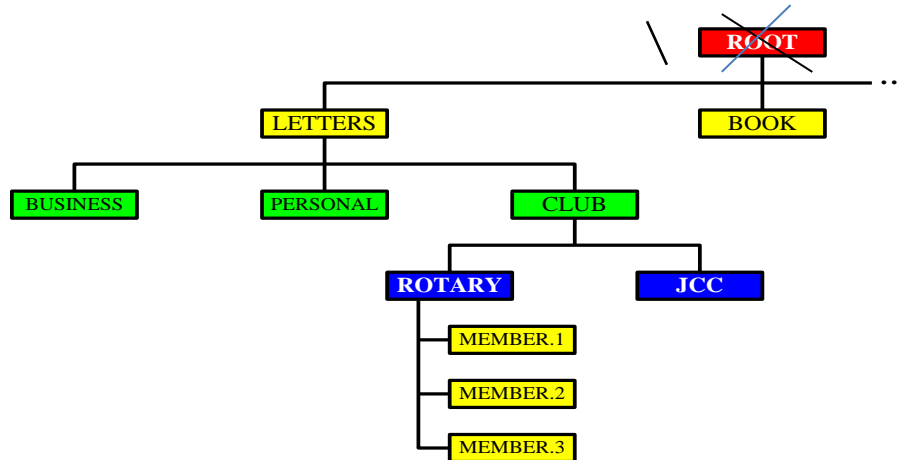
In the diagram above the word ROOT represents the root directory, i.e., "\". In all commands below, use the backslash "\" to represent the root directory. Do <u>not</u> to use the word ROOT. The root directory "\" is just the origin for other directories/subdirectories. All questions (a) through (j) are based on the above diagram.

(a) Write a command to copy file *Go.bat* to directory *PERSONAL*. The copied file should have the same name as the original file.
COPY \Go.bat \LETTERS/PERSONAL

(b) Write a command to copy a file *Go.bat* to directory *BUSINESS*. The copied file should have new name *Go_copy.bat*.

COPY \Go_copy.bat \LETTERS\BUSINESS

(c) Write a single command to copy all files starting with *She* to directory *BOOK*.
COPY She* \BOOK

(d) Write a single command to erase from the root directory all files that have digit *1* in their name.
ERASE 1*

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

One file, just Member 1.

(f) Assume that *Paper3* 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)?
DIR\PAPER3 | MORE

(g) Write two separate *SORT* commands. Both commands would accept input from file *Paper1*. However, the first command would route the output to file *Paper10*, and the second one would append the output to file *Paper10*.
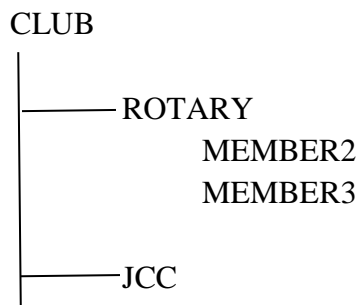
SORT<PAPER1>PAPER10

SORT <PAPER1>>PAPER10

(h) Look at the diagram. Assume that prompt "C:\LETTERS\CLUB>" is displayed. Write the command which would change the current directory to JCC.
CD JCC

(i) Look at the diagram. Assume that prompt "C:\LETTERS\CLUB>" is displayed. In the space provided, sketch the directory structure with files which would command *TREE* /F generate.

CLUB
```
    │
    ├───── ROTARY
    │           MEMBER2
    │           MEMBER3
    │
    ├───JCC
    │
```

(j) Describe what a command *DIR | SORT /R > Dirlis* does.
The output of the DIR command is sent as input to the SORT filter. The list of files is sorted in descending order and sent to the file Dirlis.dat. If the file Dirlis.dat does not exist it will be created. If the file exists it will be overwritten.

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