CIS-350
Infrastructure Technologies

Lab 2 Report

Student Name: _____<u>Adam Schweitzer</u>_____

1. Insert *Lab2_Tree* file from p. 8 of the Lab 2 instructions into the space provided or use the *Alt-PrtScr* keys to capture the screen output (window) from command *TYPE Lab2_Tree* on p. 8 and paste that window here.

```
Command Prompt                                    —    □    ×

Press any key to continue . . .
Press any key to continue . . .
Folder PATH listing
Volume serial number is 6AF1-94AA
D:.
    REPEAT.BAT
    TRYECHO.BAT
    REMPAUSE.BAT
    LOOP.BAT
    GO.BAT
    CREATEMENU.BAT
    MYBATCH.BAT

├───JOE
├───MARY
└───STACY
Press any key to continue . . .
Folder PATH listing
Volume serial number is 6AF1-94AA
D:.
    REPEAT.BAT
    TRYECHO.BAT
    REMPAUSE.BAT
    LOOP.BAT
    GO.BAT
    CREATEMENU.BAT
    MYBATCH.BAT

No subfolders exist

Press any key to continue . . .

D:\Lab2>TREE /F > Lab2_Tree

D:\Lab2>TYPE Lab2_Tree
Folder PATH listing
Volume serial number is 6AF1-94AA
D:.
    REPEAT.BAT
    TRYECHO.BAT
    REMPAUSE.BAT
    LOOP.BAT
    GO.BAT
    CREATEMENU.BAT
    MYBATCH.BAT
    Lab2_Tree

No subfolders exist

D:\Lab2>
```

2. Assume that the system prompt displays "C:\>", i.e., your current directory and current drive are the root directory and C drive, respectively. Write a batch file below that will include commands to:

   (a) prevent all commands from displaying on the screen
   (b) display the following message "A simple batch file"
   (c) display the directory hierarchy of the C disk
   (d) display the directory hierarchy of the C disk with all files
   (e) create sub directory named *CLASSES* in the root directory
   (f) erase subdirectory *BOOK* from the root directory
   (g) copy file *Go.bat* to directory *CLASSES*
   (h) pause the screen
   (i) display the directory and pipe it through the *MORE* command
   (j) sort data in the ascending order coming from file *Letter3* and route the output to file *Letter3_Sorted*

   The batch file, commands (a) through (j):

   ECHO OFF

   ECHO A SIMPLE BATCH FILE

   DIR

   TREE /F

   MD CLASSES

   RD BOOK

   COPY Go.bat \CLASSES

   PAUSE

   DIR | MORE

   SORT < Letter3 > Letter3_Sorted

3. Describe step by step what a file named MYBATCH does.

```
ECHO OFF
REM STARTING BATCH FILE
TREE /F
PAUSE
DIR
PAUSE
MD JOE MARY STACY
TREE /F
PAUSE
COPY *.BAT D:\LAB2\STACY
TREE /F
PAUSE
CD STACY
ERASE *.BAT
PAUSE
CD ..
TREE /F
PAUSE
RD JOE MARY STACY
TREE /F
PAUSE
REM CLOSING BATCH FILE
```

The ECHO OFF command prevent all commands from displaying on the screen. REM displays STARTING BATCH FILE on the screen. TREE /F displays the display the directory hierarchy with all files. PAUSE pauses the screen. MD JOE MARY STACY creates three subdirectories called JOE, MARY, STACY. TREE /F displays the display the directory hierarchy with all files. COPY *.BAT D:\LAB2\STACY copies all files with the extension BAT to the Lab2\Stacy Subdirectory. TREE /F displays the display the directory hierarchy with all files. PAUSE pauses the screen. CD STACY Copies the directory STACY. ERASE *.BAT erases all files with the file extension .BAT. PAUSE pauses the screen. RD JOE MARY STACY removes the directories JOE MARY and STACY. TREE /F displays the display the directory hierarchy all files. PAUSE pauses the screen. REM CLOSING BATCH FILE displays CLOSING BATCH FILE on the screen.

4. <u>Optional</u>. Briefly describe any issues with the lab. Point me to the specific pages and suggest changes. Thanks.

On Page 2 of the Lab, #1, Command Prompt did not recognize the command "EDIT"