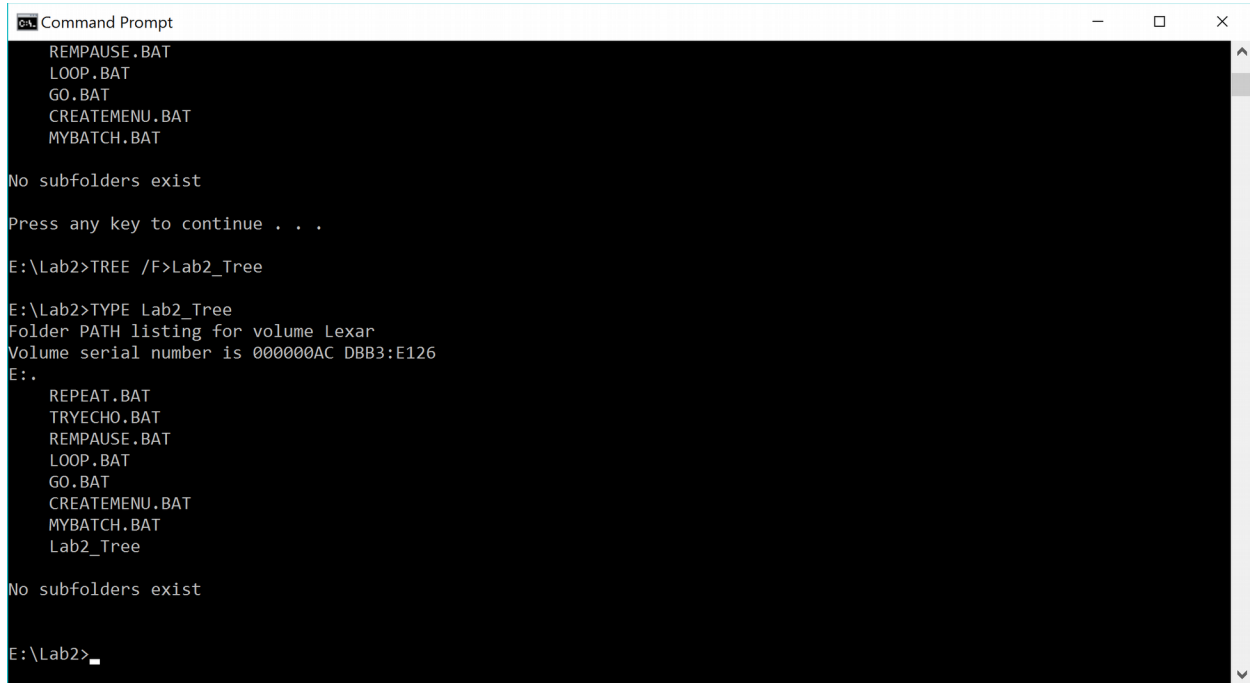


**CIS-350**  
**Infrastructure Technologies**

**Lab 2 Report**

**Student Name: Nicole Smith**

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
REMPAUSE.BAT
LOOP.BAT
GO.BAT
CREATEMENU.BAT
MYBATCH.BAT

No subfolders exist

Press any key to continue . . .

E:\Lab2>TREE /F>Lab2_Tree

E:\Lab2>TYPE Lab2_Tree
Folder PATH listing for volume Lexar
Volume serial number is 000000AC DBB3:E126
E:..
    REPEAT.BAT
    TRYECHO.BAT
    REMPAUSE.BAT
    LOOP.BAT
    GO.BAT
    CREATEMENU.BAT
    MYBATCH.BAT
    Lab2_Tree

No subfolders exist

E:\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**

**REM A simple batch file**

**TREE**

**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 E:\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 ... REM displays STARTING BATCH FILE on the screen. TREE /F displays the ...

- **ECHO OFF:** Prevents all commands from displaying
- **REM STARTING BATCH FILE:** Displays STARTING BATCH FILE on to the screen
- **TREE /F:** Shows the directory hierarchy starting with the current directory and all the files below it
- **PAUSE:** Pauses the screen until you hit a key
- **DIR:** Displays the content of the directory
- **PAUSE:** Pauses the screen until you hit a key
- **MD JOE MARY STACY:** Creates a new directory for Joe, Mary, and Stacy
- **TREE /F:** Shows the directory hierarchy starting with the current directory and all the files below it, including those just created
- **PAUSE:** Pauses the batch job and screen until you hit a key
- **COPY \*.BAT E:\LAB2\STACY:** Copies all files ending in .BAT from the current directory to the STACY directory
- **TREE /F:** Shows the directory hierarchy starting with the current directory and all the files below it, including those just created
- **PAUSE:** Pauses the batch job and screen until you hit a key
- **CD STACY:** Changes the current directory to STACY

- **ERASE \*.BAT:** Erases all of the files that end in .BAT from the current directory (STACY)
- **PAUSE:** Pauses the batch job and screen until you hit a key
- **CD ..:** Returns to the parents directory
- **TREE /F:** Shows the directory hierarchy starting with the current directory and all the files below it
- **PAUSE:** Pauses the batch job and screen until you hit a key
- **RD JOE MARY STACY:** Removes the directories JOE, MARY, and STACY
- **TREE /F:** Shows the directory hierarchy starting with the current directory and all the files below it
- **PAUSE:** Pauses the batch job and screen until you hit a key
- **REM CLOSING BATCH FILE:** Displays CLOSING BATCH FILE on the screen

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