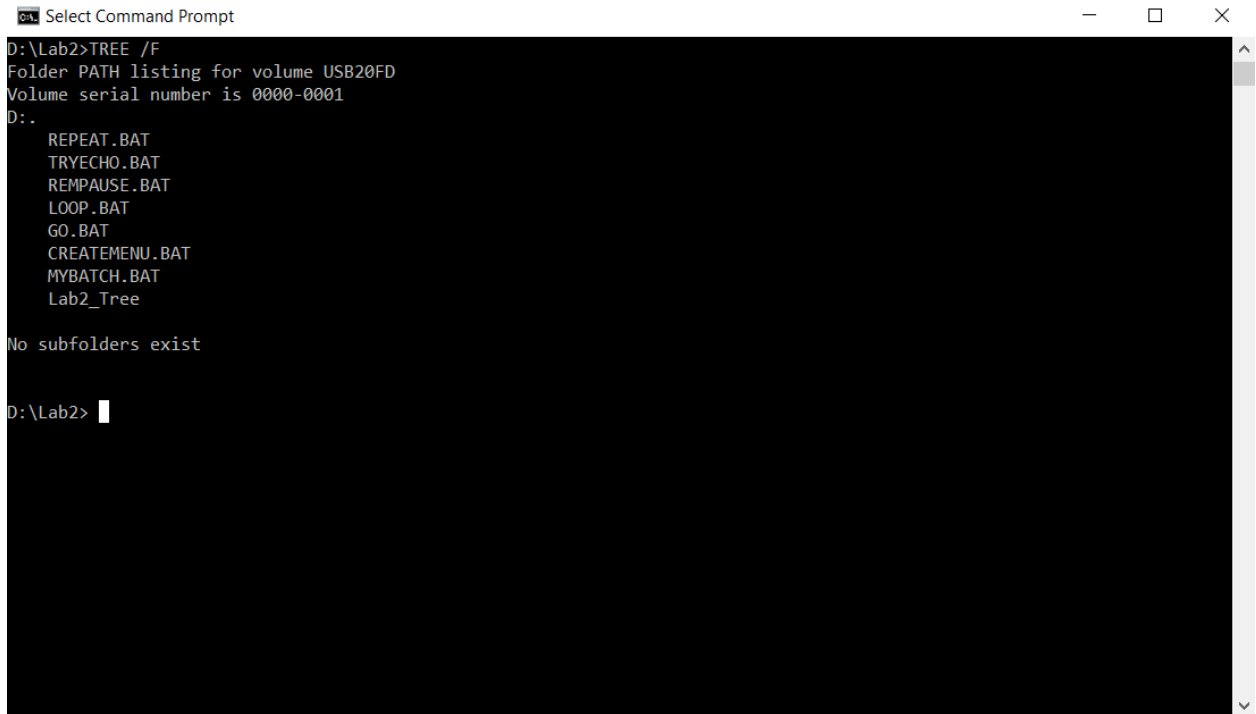


**CIS-350**  
**Infrastructure Technologies**  
**Lab 1 Report**

**Student Name:** \_\_\_\_\_

1. Insert the contents of the *Lab2\_Tree* file from the last page of the Lab 2 instructions into the space provided below or use the *Alt-PrtScr* keys to capture the screen output (window) from command *TYPE Lab2\_Tree* on the last page of the Lab 2 instructions and paste that window here.



```
Select Command Prompt
D:\Lab2>TREE /F
Folder PATH listing for volume USB20FD
Volume serial number is 0000-0001
D:..
    REPEAT.BAT
    TRYCHO.BAT
    REMPAUSE.BAT
    LOOP.BAT
    GO.BAT
    CREATMENU.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  
REM A simple batch file  
TREE  
TREE /F  
MD CLASSES  
RD BOOK or ERASE 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 ...

The ECHO OFF command turns to echo in the batch off. The REM command will not be displayed on the screen. It is considered more of a comment. TREE /F will list the files within the directory/subdirectory that we are currently in. PAUSE will pause the batch and wait for a user to initiate the batch again. DIR will show the directory of the volume that we are working in. PAUSE will again stop the batch and wait for the user to initiate it again. MD JOE MARY STACY will create three separate directories called JOE, MARY, and STACY. TREE /F then shows the files and subdirectories within the current directory. PAUSE again, pauses the batch, waiting for the user to initiate it. Next, COPY\* .BAT... will copy all the files that contain the .BAT extension to the subdirectory STACY. TREE /F then shows the new list of files and subdirectories, showing the copied files in STACY. PAUSE, again, pauses the batch, and waits for the user to initiate the batch. CD STACY moves us into the subdirectory STACY. ERASE \*.BAT will delete all the files with the .BAT extension within subdirectory STACY. PAUSE, again, pauses the batch waiting for a user to initiate it. CD .. sends us back out to the directory that contains STACY. TREE /F lists the files and subdirectories, and we can see that the .BAT files were indeed, deleted from STACY. PAUSE, again, pauses the file waiting for the user to initiate it again. RD JOE MARY STACY removes the subdirectories JOE, MARY, and STACY. TREE /F lists the files in the data volume, but this time, there are no subdirectories since they have been removed. PAUSE, pauses the batch one final

**time, waiting for the user to reinitiate it. Finally, the REM command will not appear on the screen.**

4. Optional. Briefly describe any issues with the lab. Be sure to identify the specific pages and suggest changes. Thanks.