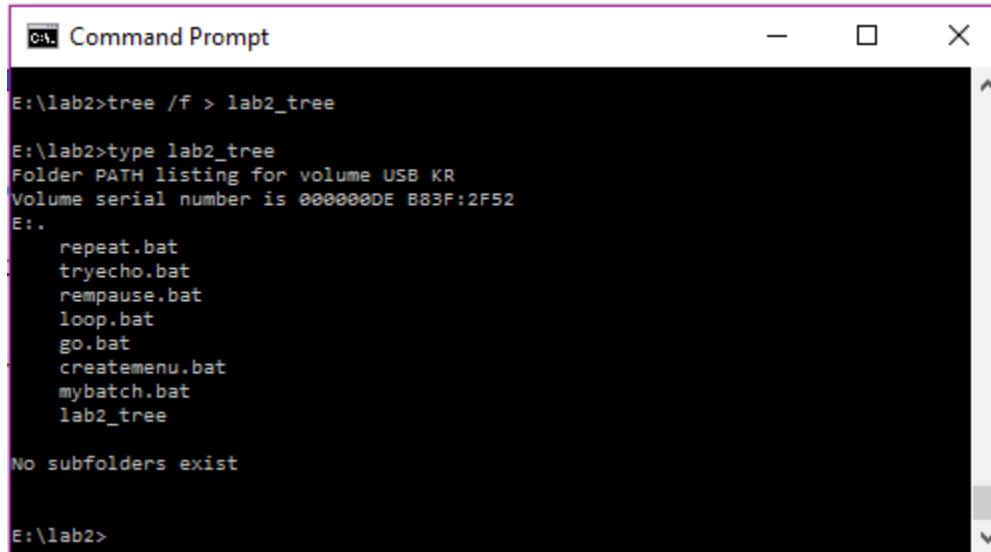


CIS-350
Infrastructure Technologies

Lab 2 Report

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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

E:\lab2>tree /f > lab2_tree

E:\lab2>type lab2_tree
Folder PATH listing for volume USB KR
Volume serial number is 000000DE B83F:2F52
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):

- (a) **ECHO OFF**
- (b) **ECHO A SIMPLE BATCH FILE**
- (c) **TREE**
- (d) **TREE/F**
- (e) **MD CLASSES**
- (f) **RMDIR BOOK**
- (g) **COPY GO.BAT CLASSES**
- (h) **PAUSE**
- (i) **DIR | MORE**
- (j) **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

ECHO OFF will not display echo commands.
REM displays the STARTING BATCH FILE on the screen.
TREE /F displays the tree for the file.
PAUSE waits for the user input to press any key.
DIR displays the files and directories/subdirectories within the current directory.
PAUSE waits for the user input to press any key.
MD JOE MARY STACY creates 3 new directories called JOE, MARY, and STACY respectively in the current directory.
TREE /F displays the tree for the file.
PAUSE waits for the user input to press any key.
CD STACY changes the current directory to the STACY directory.
ERASE *.BAT deletes all “.bat” files in the current directory.
PAUSE waits for the user input to press any key.
CD .. changes the directory to the closest parent directory.
TREE /F displays the file tree. PAUSE waits for the user input to press a key.
RD JOE MARY STACY will delete the directories JOE, MARY, and STACY if there are no files in them.
TREE /F displays the tree for the file.
PAUSE waits for the user input to press any key.
REM CLOSING BATCH FILE prints “CLOSING BATCH FILES” to the console command prompt.

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