

CIS-350
Infrastructure Technologies

Lab 2 Report

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You must use this template to hand in Lab 2 Report.

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.

Folder PATH listing for volume LEXAR

Volume serial number is 5B15-0DCB

D:.

REPEAT.BAT

TRYECHO.BAT

REMPAUSE.BAT

LOOP.BAT

GO.BAT

CREATEMENU.BAT

MYBATCH.BAT

Lab2_Tree

No subfolders exist

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. Also, disable command ECHO OFF from displaying.
 - (b) display the following message "My first script file"
 - (c) display the directory hierarchy/structure of the C disk (Do not use DIR)
 - (d) display the directory hierarchy/structure of the C disk with all files (Do not use DIR)
 - (e) create subdirectory named *LETTERS* in the root directory
 - (f) erase subdirectory *BOOKS* from the root directory (assume that *BOOKS* does not have any files in it)
 - (g) copy file *loop.bat* to directory *LETTERS*
 - (h) pause the screen
 - (i) use the piping operation to display the sorted directory and display it one screen at a time (prevent the screen from scrolling off). Need to use two pipes.
 - (j) sort data in the descending order coming from file *Names1* and route the output to file *Names1_Sorted*

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

@ECHO OFF

REM My first script file

TREE

TREE /F

MD LETTERS

ERASE \BOOKS

COPY loop.bat \LETTERS

PAUSE

DIR | SORT | MORE

SORT /R < Names1 > Names1_Sorted

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

```
@ECHO OFF
REM STARTING SCRIPT FILE
TREE /F
PAUSE
DIR
PAUSE
MD HANK TOM LISA
TREE /F
PAUSE
COPY *.BAT D:\LAB2\LISA
TREE /F
TREE
PAUSE
CD LISA
ERASE *.BAT
PAUSE
CD ..
TREE /F
PAUSE
RD HANK TOM LISA
TREE /F
PAUSE
REM CLOSING SCRIPT FILE
```

Assumptions: The prompt D:\LAB2> is displayed. D is the current drive and LAB2 is the current directory just below "\" (the root directory).

<u>Command</u>	<u>Description (Fill in)</u>
@ECHO OFF	This suppresses the command echoing and keeps the word echo from displaying
REM STARTING SCRIPT FILE	This will display "STARTING SCRIPT FILE" on the screen
TREE /F	Displays the file hierarchy as well as files within each subdirectory
PAUSE	Stops execution
DIR	Lists file names and names of subdirectories on screen
PAUSE	Stops execution
MD HANK TOM LISA	Creates three directories: HANK, TOM, and LISA

TREE /F	Displays the file hierarchy as well as all files within each subdirectory
PAUSE	Stops execution
COPY *.BAT D:\LAB2\LISA	Copies any file with .BAT extension to D:\LAB2\Lisa
TREE /F	Displays the file hierarchy as well as files within each subdirectory
TREE	Displays the file hierarchy
PAUSE	Stops execution
CD LISA	Changes directory to LISA
ERASE *.BAT	Erases any file with .BAT extension
PAUSE	Stops execution
CD ..	Goes back to parent directory
TREE /F	Displays the file hierarchy as well as files within each subdirectory
PAUSE	Stops execution
RD HANK TOM LISA	Removes directories HANK, TOM, and LISA
TREE /F	Displays the file hierarchy as well as files within each subdirectory
PAUSE	Stops execution
REM CLOSING SCRIPT FILE	Displays “CLOSING SCRIPT FILE”

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

NO ISSUES WITH LAB