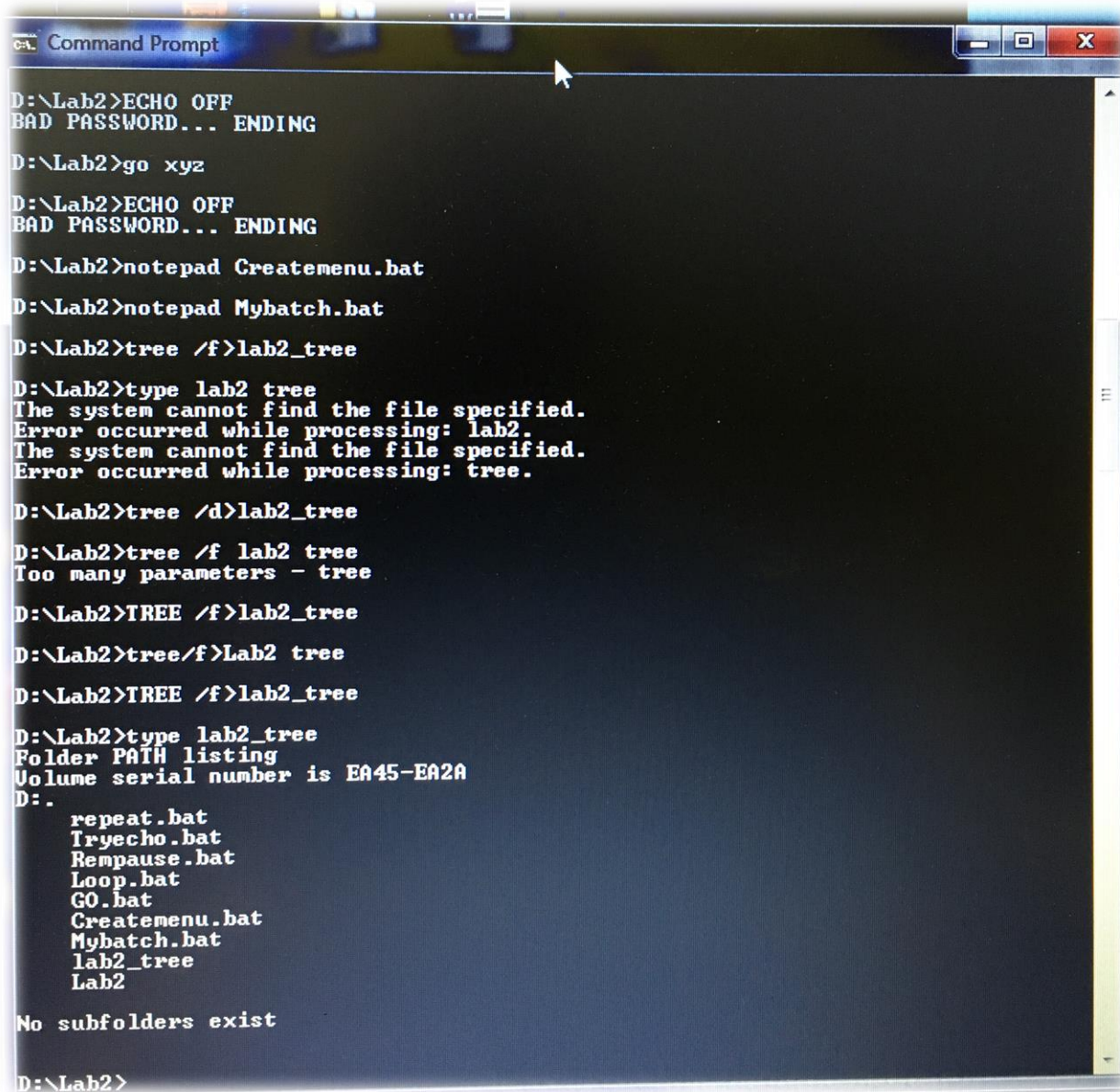


**CIS-350**  
**Infrastructure Technologies**

**Lab 2 Report**

**Student Name: Abdulaziz Arrak**

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

D:\Lab2>ECHO OFF
BAD PASSWORD... ENDING

D:\Lab2>go xyz

D:\Lab2>ECHO OFF
BAD PASSWORD... ENDING

D:\Lab2>notepad Createmenu.bat

D:\Lab2>notepad Mybatch.bat

D:\Lab2>tree /f>lab2_tree

D:\Lab2>type lab2 tree
The system cannot find the file specified.
Error occurred while processing: lab2.
The system cannot find the file specified.
Error occurred while processing: tree.

D:\Lab2>tree /d>lab2_tree

D:\Lab2>tree /f lab2 tree
Too many parameters - tree

D:\Lab2>TREE /f>lab2_tree

D:\Lab2>tree/f>Lab2 tree

D:\Lab2>TREE /f>lab2_tree

D:\Lab2>type lab2_tree
Folder PATH listing
Volume serial number is EA45-EA2A
D:..
    repeat.bat
    tryecho.bat
    Rempause.bat
    Loop.bat
    GO.bat
    Createmenu.bat
    Mybatch.bat
    lab2_tree
    Lab2

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):

- a. ECHO OFF
- b. REM A simple batch file
- c. TREE
- d. TREE /F
- e. MD CLASSES
- f. ERASE 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:** Prevents the commands from displaying on the screen.

**REM STARTING BATCH FILE:** Displays the remark STARTING BATCH FILE on the screen.

**TREE /F:** Displays the directory hierarchy with all files.

**PAUSE:** Pause the screen until the user hits any key.

**DIR:** Displays the directory content.

**PAUSE:** Pauses the screen until the user hits any key.

**MD JOE MARY STACY:** Creates three new directories JOE, MARY, and STACY in the directory.

**TREE /F:** Displays the directory hierarchy with all files starting with the current directory. Including the directories created above.

**PAUSE:** Displays the directory hierarchy with all files starting with the current directory.

**COPY \*.BAT E:\LAB2\STACY:** Copies all files with .BAT extension from the current directory-to-directory STACY.

**TREE /F:** Displays the directory hierarchy with all files starting with the current directory, and showing the files in directory STACY.

**PAUSE:** Stops the execution of the batch file and pauses the screen until the user hits a key.

**CD STACY:** Changes the current directory to STACY.

**ERASE \*.BAT:** Erases all files with extension .BAT from the directory

**PAUSE:** Stops the execution of the batch file and pauses the screen until the user hits a key.

**CD .. :** Returns to the parent directory, One level up.

**TREE /F:** Displays the directory hierarchy with all files starting with the current directory

**PAUSE:** Stops the execution of the batch file and pauses the screen until the user hits a key.

**RD JOE MARY STACY:** Removes three directories JOE, MARY, and STACY from the directory.

**TREE /F:** Displays the directory hierarchy with all files starting with the current directory. Should take off the early directories.

**PAUSE:** Stops the execution of the batch file and pauses the screen until the user hits a key.

**REM CLOSING BATCH FILE:** Displays the remark *CLOSING BATCH FILE* on the screen.

The ECHO OFF command ... REM displays STARTING BATCH FILE on the screen. TREE /F displays the ...