

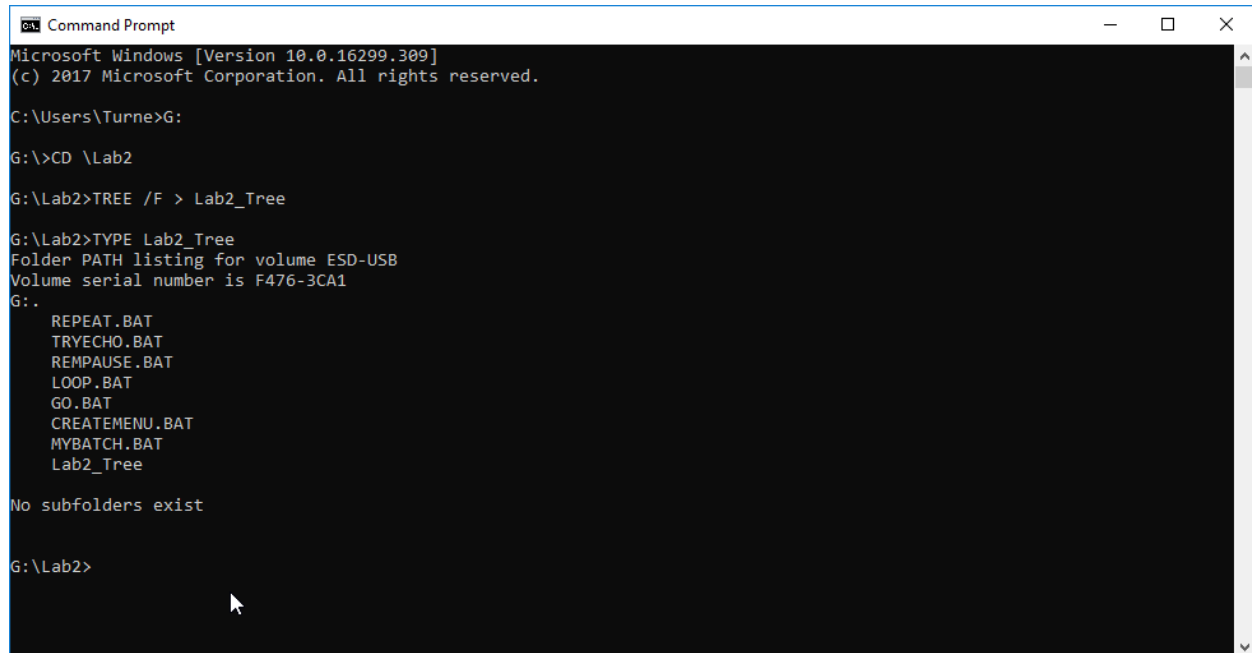
CIS-350

Infrastructure Technologies

Lab 2 Report

Student Name: Turner Barnett

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
Microsoft Windows [Version 10.0.16299.309]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\Turne>G:

G:\>CD \Lab2

G:\Lab2>TREE /F > Lab2_Tree

G:\Lab2>TYPE Lab2_Tree
Folder PATH listing for volume ESD-USB
Volume serial number is F476-3CA1
G:..
    REPEAT.BAT
    TRYECHO.BAT
    REMPAUSE.BAT
    LOOP.BAT
    GO.BAT
    CREATEMENU.BAT
    MYBATCH.BAT
    Lab2_Tree

No subfolders exist

G:\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 C:

(e) TREE C/ > CLASSES

(f) rmdir /c \BOOK

(g) COPY Go.bat C:\CLASSES

(h) PAUSE

(i) TREE C:\ | MORE

(j) SORT Letter3 | Letter3_Sorted

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

(k)

ECHO OFF - prevent all commands from displaying on the screen

REM STARTING BATCH FILE – comment “STARTING BATCH FILE”

TREE /F - Show tree of F

PAUSE – pauses MYBATCH batch file

DIR – Lists the folders and subfolders

PAUSE – pauses MYBATCH batch file

MD JOE MARY STACY – creates directories for Joe, Mary, Stacy

TREE /F – shows tree of F

PAUSE – pauses MYBATCH batch file

COPY *.BAT E:\LAB2\STACY – copies all bat files to the Stacy file

TREE /F – shows tree of F

PAUSE – pauses MYBATCH batch file

CD STACY – changes directory of Stacy file

ERASE *.BAT – erases all bat files

PAUSE - pauses MYBATCH batch file

CD .. – change directory

TREE /F - shows tree of F

PAUSE - pauses MYBATCH batch file

RD JOE MARY STACY – removes the JOE, MARY, STACY directories

TREE /F - shows tree of F

PAUSE - pauses MYBATCH batch file

REM CLOSING BATCH FILE – comment “CLOSING BATCH FILE”

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

Directory path of the selected drive with names of the files within each directory

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