**File System Exercise Part Two**

Please type your answers in **red** and submit this Word Document.

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List the PowerShell commands used to complete the following tasks:

1. Set your location to the **U-Drive** (C- Drive if you’re not on a BPCC computer) – I am on my desktop in my courses folder
2. List all files and directories in your current directory - .vscode; ctec101; ctec102; ctec104; Linux\_edX\_LFS101x; python; TTS; github auth token.txt; id\_rsa
3. Create a directory called **CTEC104** if you have not already – already done
4. Set your location to this directory – setting to wk03 (current working directory)
5. Make two directories: **test1** and **test2 -** created
6. In the test1 directory create a file called **test1.txt** that contains the text: test1 - done

**7)** In the test1 directory create a file called **test2.txt** that contains the text: test2 - done

**8)** Copy the test2.txt file to your test1 directory – test2.txt was created in the test 1 directory per the instructions in #7

**9)** Copy your test1.txt file to your test2 directory - Move-Item C:\Users\JSWalley\Desktop\courses\ctec104\wk03\test1\test1.txt C:\Users\JSWalley\Desktop\courses\ctec104\wk03\test2

**10)** List the contents of both directories – complete – test1 directory has test2.txt and test2 directory contains test1.txt

**11)** Move the test2\test1.txt file to your test1 directory - done

**12)** Move the test1\test2.txt file to your test2 directory - done

**13)** List the contents of both directories – test1 directory now contains test1.txt; test2 directory now contains test2.txt

**14)** Get the content of both text files – completed – cat test1.txt; changed directory to test2 & cat test2.txt

**15)** Add the following content to both files: - add-content "test1.txt" "Hello World"

“Hello World”

**16)** View the content of both files – both files now display a length of 18, and cat displays: “test1Hello World” for both files.

**17)** Set the content of both text files to be: – set content (instead of add-content) – done: set-content “test1.txt” “This is the new content”

This is the new content

**18)** Get the permissions (acl) of both files – get-acl test2.txt | select \* then switch to test1 directory and get-acl test1.txt | select \*

**19)** Rename both files to **renamedFile.txt –** done – ren “test2.txt” renamedFile.txt, then changed to test1 directory and – ren “test1.txt” renamedFile.txt – cat both and they still contain the same information “This is the new content”

**20)** Delete all files and directories created in this exercise – done – went back to my wk03 folder, then ‘del test1’ it asked me to confirm deleting it and any children. Then ‘del test2’ and I am back to ctec104/wk03 and my notes, and exercises.