**Command Prompt Lab # 1**

Step # 1 – Get your Command Prompt to the root of your H:

If it isn’t there already, use the following commands to get it there:

H: -This will change your drive letter to your home directory

CD\ -This will move you to the root of your H: (not in any folders)

Step # 2 – Create a folder (directory) called **CPLab1**

MD CPLab1 -MD stands for Make Directory

Once this is done, go to your Windows screen and verify that the folder does indeed exists.

Step # 3 – In Windows, go to Notepad and create a file with the following three lines in it.

*I, <your name>, will not bring food into Room 14.*

*I, <your name> will not use my cell phone during class in Room 14.*

*I, <your name> will be respectful of the equipment, students and teacher in Room 14.*

Save the file as rules.txt **in your CPLab1 folder.**

Step # 4 – Go back to your command prompt. It should still be at H: Start by double checking that you can see your CPLab1 folder by issuing the DIR command.

Now enter the CPLab1 folder with the following command:

CD CPLab1 – This will “change directory” to the CPLab1 directory,

Your command prompt should now look like: H:\CPLab1>

\*Step # 5 – View the contents of this folder

DIR - This will show all folders and files in the CPLab1 directory

You should see your rules.txt file here. How many bytes in size is your file?

Step # 6 – View the contents of your rules.txt file

TYPE rules.txt - This should output to the console your three rules.

\*Step # 7 – Change the background and foreground colors to school colors, either red background/black text or vice versa. To do this we need to use the Color command. Start by getting help with that command:

COLOR /? -Use this to figure out the hex value for red & black, and the syntax to set the color.

\*Step # 8 - Create a folder inside CPLab1 called Backup. Verify with DIR.

Step # 9 – Copy the rules.txt file into the Backup folder

Copy rules.txt H:\CPLab1\Backup -For this to work you must be in the directory where rules.txt is

\*Step # 10 – Enter the Backup Folder – Your prompt should look like h:\CPLab1\Backup>

\*Step # 11 – Change the name of the rules.txt file to laws.txt, but only the one in the Backup folder

REN rules.txt laws.txt

Double check that it did work by issuing the DIR command. Is the filename changed?

\*Step # 12 – Look at your computer’s networking information

IPCONFIG

What is your computer’s IP address?

Step # 13 – We are again going to look at our computer’s IP information, but this time it will have more detail and I want to output the results to a text file called IPinfo.txt

IPCONFIG/ALL > IPinfo.txt - The “>” character makes the output go to a file rather than the screen

This will create the file in your Backup folder. Verify this with a DIR command.

\*Step # 14 – Complete the following tasks:

* + - \*Create a folder under Backup called Special
    - \*Do a DIR command and have the result outputted a text file called special.txt
    - \*Copy the IPinfo.txt file to the CPLab1 folder
    - Erase the Special Directory - RD Special -RD = Remove directory; Must be empty to work
    - Move to the CPLab1 folder - CD.. - This moves you back one level
    - \*Rename the IPinfo.txt file (in CPLab1) **info.text**

Step # 15 – Delete the rules.txt file from the CPLab1 folder

DEL rules.txt - Make sure you delete the right file

Write down the command(s) that you used for the following steps below:

Step # 7 -

Step # 8 -

Step # 10 -

Step # 14 – Write down the four commands you had to create yourself

At this point you are done with the lab. Raise your hand and Mr. Dixon will look over your work.