1. Confirm that you are in your home folder. If you are not, then navigate to your home folder.

A screenshot of a computer

Description automatically generated

1. a. In your home folder, create a folder with the name Docs.

A screenshot of a computer

Description automatically generated

b. In the Docs folder create the following sub-folders:

1. COMP123
2. COMP125
3. COMP301

A screenshot of a computer

Description automatically generated

c. In the COMP301 folder create a single sub-folder:

i. Labs

A screenshot of a computer

Description automatically generated

3)

a. Go into the Docs folder. Use the cat command to create a file called test1.txt.

b. Insert the following two lines of text. (You must replace your instructor’s name with your name and the course with your favorite course) echo Narendra Pershad echo Linux is the best Operating System

c. Use the ctrl+d key combination to close the file. Confirm (display) the contents of the file.

A screenshot of a computer

Description automatically generated

1. Do the following copies.  
   a. From the Docs folder copy the test1.txt file to the COMP301 folder.

A screenshot of a computer

Description automatically generated

b. Go into the COMP301 folder and copy the file test1.txt to the COMP123  
and COMP125 folders. (This is a bit tricky)

A screenshot of a computer

Description automatically generated

c. Go into the Labs folder and copy the test1.txt file four times to  
(test2.txt, test3.txt, test4.txt and test5.txt).

A screenshot of a computer

Description automatically generated

d. Rename the file test5.txt to script01.sh. (Use the mv command)

A screenshot of a computer

Description automatically generated

5)  
a. Try to execute (run) the file script01.sh. (use the command  
./script01.sh)

A screenshot of a computer

Description automatically generated

b. Display the permissions of the file script01.sh (use the -l option of the  
ls command). You will notice there is no 'x' in the first in the second to  
the tenth column of the display.

A screenshot of a computer

Description automatically generated

c. Change the permissions on the file to make it executable to user, group and  
world. (use the command chmod +x script01.sh).

A screenshot of a computer

Description automatically generated

d. Again, use the command in part (b) to check the permissions on the file. You  
will now notice there are three x’s in the first 10 columns of the display.

A screenshot of a computer

Description automatically generated

e. Try to execute the script again

A screenshot of a computer

Description automatically generated

6) Navigate to your home folder.  
a. Display all the files in the Docs/COMP301/Labs folder

A screenshot of a computer

Description automatically generated

b. Display all the files excepting the script01.sh files. Use two different  
commands to do this. You should use either or both wildcards characters (\*  
or ?) in your command

A screenshot of a computer

Description automatically generated

c. Copy the test1.txt to the COMP301/Labs folder using the -i option.  
(Unlike Windows, Linux by default does not ask permission before over  
writing a file).

A screenshot of a computer

Description automatically generated

7) You are still in your home folder.  
a. Remove the Docs/COMP301/Labs folder. Are you able to?

A screenshot of a computer

Description automatically generated

b. Now delete all the files in the above folder. Now try to remove the folder.

&  
c. Remove the Docs folder and all the files and sub folders inside. (THIS IS  
SUPER DANGEROUS)

A screenshot of a computer

Description automatically generated