**a)**

1. **Create 4 files named yourID\_1.txt, yourID\_2.txt, yourID\_3, yourID\_4.txt**

* touch 20301131\_1.txt 20301131\_2.txt 20301131\_3.txt 20301131\_4.txt

1. **Create 2 directories named YourName1, YourName2.**

* mkdir Him1 Him2

1. **Move yourID\_1.txt, yourID\_2.txt, yourID\_3.txt in YourName1 directory.**

* mv 20301131\_1.txt 20301131\_2.txt 20301131\_3.txt Him1/

1. **Copy yourID\_1.txt, yourID\_2.txt YourName2 directory.**

* cp Him1/20301131\_1.txt Him1/20301131\_2.txt Him2/

1. **Create another directory YourName3.**

* mkdir Him3

1. **Now, copy the YourName1 directory along with its contents to the YourName3 directory.**

* cp -r Him1 Him3/

1. **Now go into the YourName3 directory and check the permissions of the files/directory and**

**change the permissions for both groups and others to only read-execute for all the files.**

* cd Him3/
* ls -l
* chmod -r go=rx \*

1. **Now go back to one directory and print all the directories and files in the current working**

**directory. Finally, move the YourName3 folder to the root directory and delete the rest of the**

**files and folders in the current working directory.**

* cd ..
* ls -l
* rm -r \*

1. **Create a file containing your running semester’s course information (course IDs, Course names,**

**Sections, etc.) Count the lines containing the word “CSE” in that file named course.txt**

* touch Courses.txt
* cat>Courses.txt
* CSE321 Operating Systems 01
* CSE341 Microprocessors 02
* CSE471 System Design 02
* Grep -c “CSE” Courses.txt

1. **Show all the hidden files in your root directory.**

* ls -a /

1. **Show only lines 5-17 of a .txt file(you have to create a file containing more than 17 line)**

* touch a.txt
* cat>a.txt
* Believe in yourself.
* Work hard.
* Don’t wait.
* Step outside your comfort zone.
* Be a dreamer and a doer.
* Take action.
* Don’t give up.
* Set big goals.

- Follow through.

- Show up every day.

- Make things happen for yourself.

- Celebrate the small things.

- Take one step at a time.

- Open doors for yourself.

- Push through and understand yourself.

- Stick to the plan.

- Say yes to your dreams.

- Finally done with 17 lines

- sed -n '5,17p' a.txt