**a.**

**Create 4 files**

**named yourID\_1.txt, yourID\_2.txt, yourID\_3, yourID\_4.txt and 2 directories**

**named YourName1, YourName2.**

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~$ mkdir lab01

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~$ cd lab01

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ touch 21141064\_1.txt 21141064\_2.txt 21141064\_3.txt 21141064\_4.txt

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ mkdir Basit\_Hussain\_1 Basit\_Hussain\_2

**Move**

**yourID\_1.txt, yourID\_2.txt, yourID\_3.txt in YourName1 directory. Copy yourID\_1.txt, yourID\_2.txt YourName2 directory. Create another directory YourName3.**

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ mv 21141064\_1.txt Basit\_Hussain\_1

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ mv 21141064\_2.txt Basit\_Hussain\_1

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ mv 21141064\_3.txt Basit\_Hussain\_1

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ cp Basit\_Hussain\_1/21141064\_1.txt Basit\_Hussain\_2

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ cp Basit\_Hussain\_1/21141064\_2.txt Basit\_Hussain\_2

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ mkdir Basit\_Hussain\_3

**Now, copy the YourName1 directory along with**

**Its contents to the YourName3 directory.**

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ cp -r Basit\_Hussain\_1 Basit\_Hussain\_3/

**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.**

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ cd Basit\_Hussain\_3

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01/Basit\_Hussain\_3$ ls -l

total 4

drwxrwxr-x 2 onworks onworks 4096 Feb 27 17:29 Basit\_Hussain\_1

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01/Basit\_Hussain\_3$ chmod -R 555 \*

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01/Basit\_Hussain\_3$ ls -l

total 4

dr-xr-xr-x 2 onworks onworks 4096 Feb 27 17:29 Basit\_Hussain\_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.**

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01/Basit\_Hussain\_3$ cd ../..

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ ls -R

.:

Basit\_Hussain\_1 Basit\_Hussain\_2 Basit\_Hussain\_3

./Basit\_Hussain\_1:

21141064\_1.txt 21141064\_2.txt 21141064\_3.txt

./Basit\_Hussain\_2:

21141064\_1.txt 21141064\_2.txt

./Basit\_Hussain\_3:

Basit\_Hussain\_1

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ sudo mv Basit\_Hussain\_3 /

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ sudo rm -r Basit\_Hussain\_1 Basit\_Hussain\_2

**b)**

**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**

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ ls

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ touch course.txt

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ gedit course.txt

^Z

[1]+ Stopped gedit course.txt

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ grep -c "CSE" course.txt

3

c)

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

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ ls -a /

. boot etc lib32 lost+found opt run srv tmp

.. cdrom home lib64 media proc sbin swapfile usr

bin dev lib libx32 mnt root snap sys var

d)

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

**onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ touch a.txt**

**onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ gedit a.txt**

**onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ gedit a.txt**

**^Z**

**[1]+ Stopped gedit a.txt**

**onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/lab01$ sed -n '5,17p' a.txt**

**e**

**f**

**g**

**h**

**i**

**j**

**k**

**l**

**m**

**n**

**o**

**p**

**q**

**o**