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Section: 02
Lab Assignment - 01
CSE321 - Summer'24

Task 01 -

a)

```
pwd
mkdir lab01
touch 20301230_1.txt 20301230_2.txt
touch 20301230_3.txt 20301230_4.txt
mkdir farhan_1 farhan_2
mv 20301230_1.txt 20301230_2.txt 20301230_3.txt farhan_1
mkdir farhan_3
cp 20301230_1.txt 20301230_2.txt /home/ubuntu/lab01/farhan_2
cp -r farhan_1 /home/ubuntu/lab01/farhan_3
cd farhan_3
ls -l
chmod g=rx farhan_1
chmod o=rx farhan_1
chmod g=rx 20301230_1.txt 20301230_2.txt 20301230_3.txt
chmod o=rx 20301230_1.txt 20301230_2.txt 20301230_3.txt
mv farhan_3 /home/ubuntu
rm 20301230_4.txt
rm -r farhan_1 farhan_2
```

```
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT: ~/lab01
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~$ pwd
/home/ubuntu
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~$ ls
Desktop  Downloads  Music      Public  Templates
Documents  farhan    Pictures  snap    Videos
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~$ mkdir lab01
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~$ touch 20301230_1.txt 20301230_2.txt
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~$ touch 20301230_3.txt 20301230_4.txt
```

```
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ mkdir farhan_1 farhan_2
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ mv 20301230_1.txt farhan_1
```

```
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ cd farhan_1
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_1$ cp 20301230_1.txt 20301230_2.txt /home/ubuntu/lab01/farhan_2
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_1$ cd ..
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ mkdir farhan_3
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ cd farhan_3
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3$ pwd
/home/ubuntu/lab01/farhan_3
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3$ cd ..
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ cp farhan_1 /home/ubuntu/lab01/farhan_3
cp: -r not specified; omitting directory 'farhan_1'
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ cp -r farhan_1 /home/ubuntu/lab01/farhan_3
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ cd farhan_3
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3$ ls -l
total 4
```

```

cannot access '0.txt': No such file or directory
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3$ chmod g=rx farhan_1
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3$ chmod o=rx farhan_1
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3$ ls -l
total 4
drwxr-xr-x 2 ubuntu ubuntu 4096 জুলাই 7 15:33 farhan_1
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3$ chmod o=rwx farhan_1
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3$ ls -l
total 4
drwxr-xrwx 2 ubuntu ubuntu 4096 জুলাই 7 15:33 farhan_1
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3$ chmod o=rx farhan_1
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3$ ls -l
total 4
drwxr-xr-x 2 ubuntu ubuntu 4096 জুলাই 7 15:33 farhan_1
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3$ cd farhan_1
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3/farhan_1$ chmod o=rx 20301
230_1.txt 20301230_2.txt 20301230_3.txt
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01/farhan_3/farhan_1$ ls -l
total 0
-rw-rw-r-x 1 ubuntu ubuntu 0 জুলাই 7 15:33 20301230_1.txt
-rw-rw-r-x 1 ubuntu ubuntu 0 জুলাই 7 15:33 20301230_2.txt

```

```

/home/ubuntu
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~$ cd lab01
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ ls
20301230_4.txt farhan_1 farhan_2 farhan_3
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ mv farhan_3 /home/ubuntu
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ rm 20301230_4.txt
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ rm -r farhan_1 farhan_2

```

b)

touch file.txt

gedit file.txt

grep -i -c CSE file.txt

```

Open  [icon] file.txt
~/lab01
1 CSE321
2 CSE421
3 ANT101
4 CST306

```

```

ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ cd ..
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~$ cd lab01
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ touch file.txt
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ gedit file.txt
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ grep -i -c CSE file.txt
2
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$

```

c)

```
ls -al
```

d)

```
touch file_2.txt
```

```
gedit file_2.txt
```

```
head -n 17 file_2.txt | tail -n 13
```

```
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ gedit file_2.txt
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$ head -n 17 file_2.txt | tail -n 13
KUET
CUET
DUET
BRACU
NSU
EAST WEST
IUB
DAFFODIL
AIUB
NDC
CITY COLLEGE
EUSC
BZC
ubuntu@ubuntu-HP-EliteDesk-705-G3-MT:~/lab01$
```