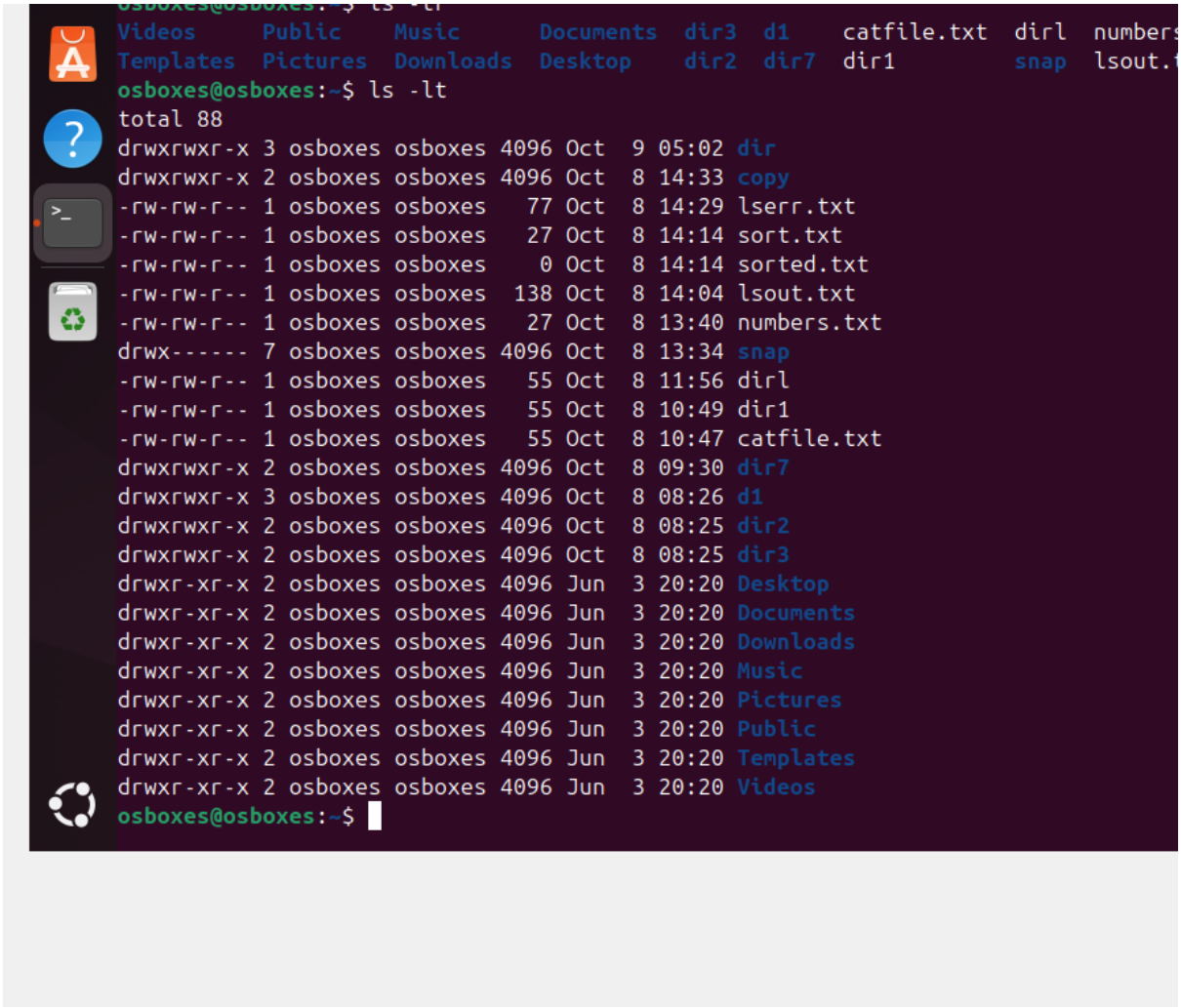
Assignment 02

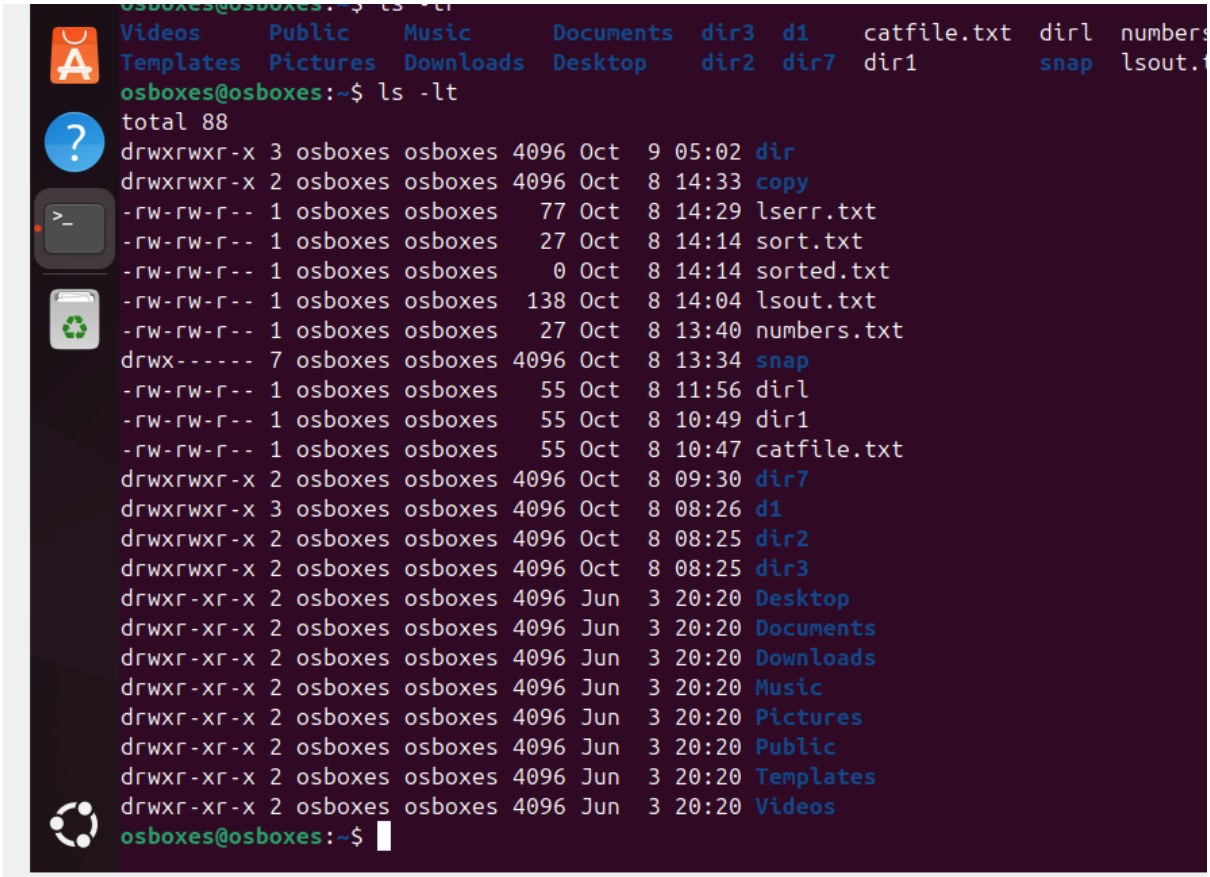
1. List the directory contents date wise sorted. (man ls)?

Ans→ls -lt



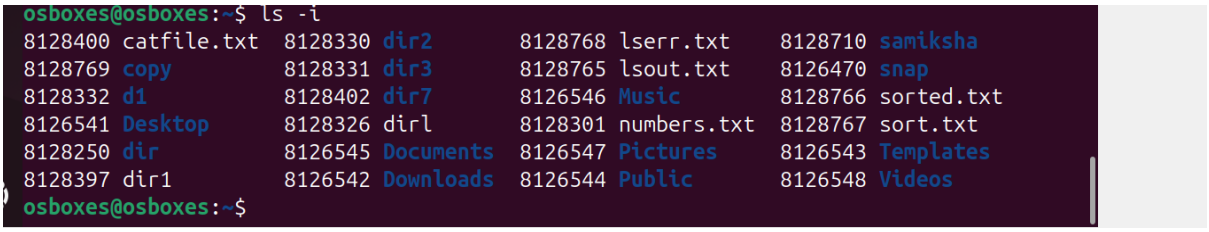
2. List the directory contents size wise sorted.(man ls)

Ans→ls -ls



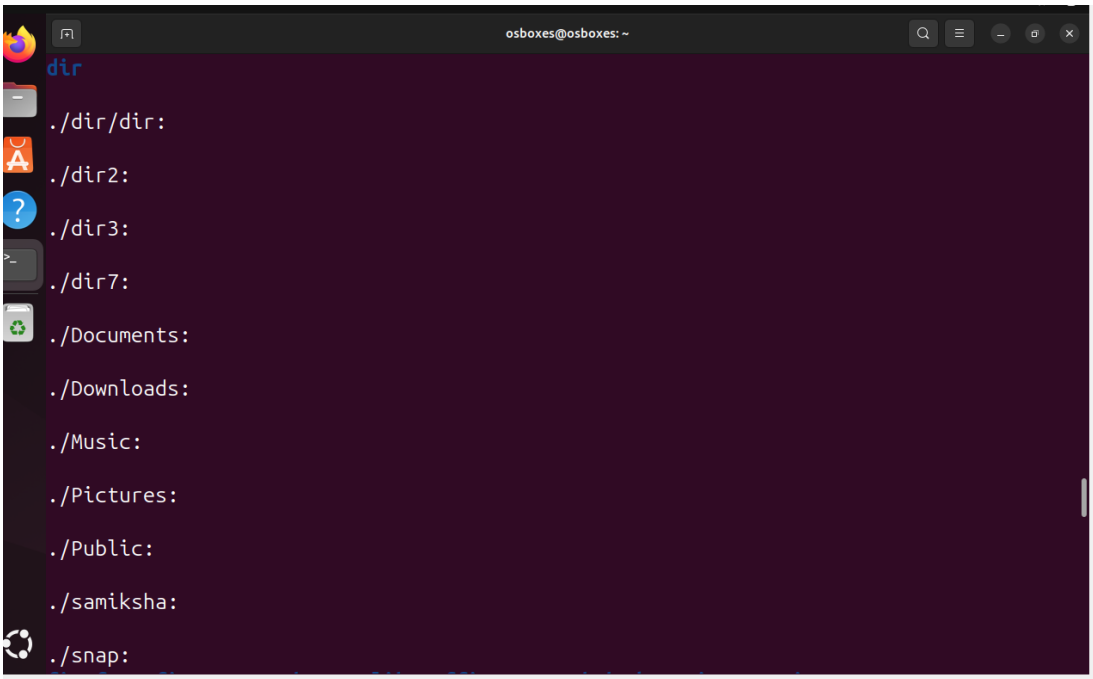
3. List directory contents along with their inode no. (man ls).

Ans→ls -i

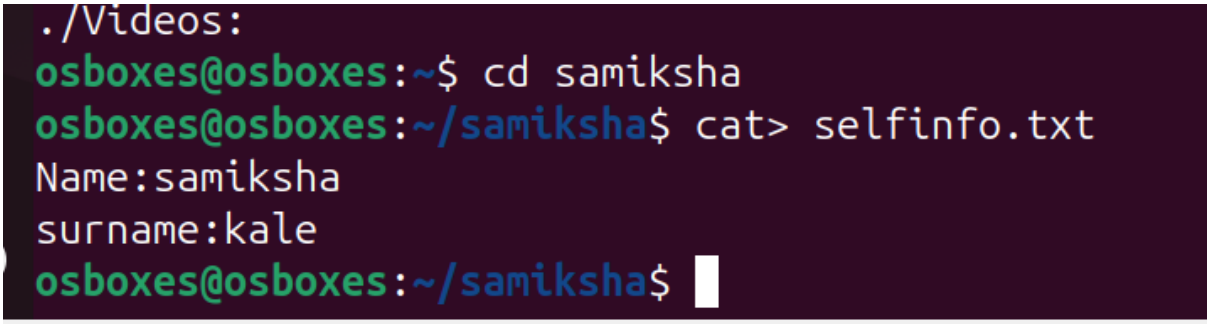


4. List the contents of the subdirectory.

ls -R



5. Create a file, write your surname and name in it and save.



i. now open the same file and add your address in it and save.

```
./Videos:
osboxes@osboxes:~$ cd samiksha
osboxes@osboxes:~/samiksha$ cat> selfinfo.txt
Name:samiksha
surname:kale
osboxes@osboxes:~/samiksha$ cat >> selfinfo.txt
Address:aurangabad
osboxes@osboxes:~/samiksha$ cat selfinfo.txt
Name:samiksha
surname:kale
Address:aurangabad
osboxes@osboxes:~/samiksha$
```

ii. reopen the same file and check your name and address in it.

```
osboxes@osboxes:~/samiksha$ cat selfinfo.txt
Name:samiksha
surname:kale
Address:aurangabad
osboxes@osboxes:~/samiksha$
```

6. how to change the time stamp of file (man touch)

Ans→

```
osboxes@osboxes:~/samiksha$ touch 202410091530.45  selfinfo.txt
osboxes@osboxes:~/samiksha$ ls -lt
total 4
-rw-rw-r-- 1 osboxes osboxes  0 Oct  9 15:38 202410091530.45
-rw-rw-r-- 1 osboxes osboxes 46 Oct  9 15:38 selfinfo.txt
osboxes@osboxes:~/samiksha$
```

7. Create directory structure : Give following commands ,

-> mkdir one –

> cd one

-> touch 1.txt 11.txt 111.txt

-> mkdir two

-> cd two

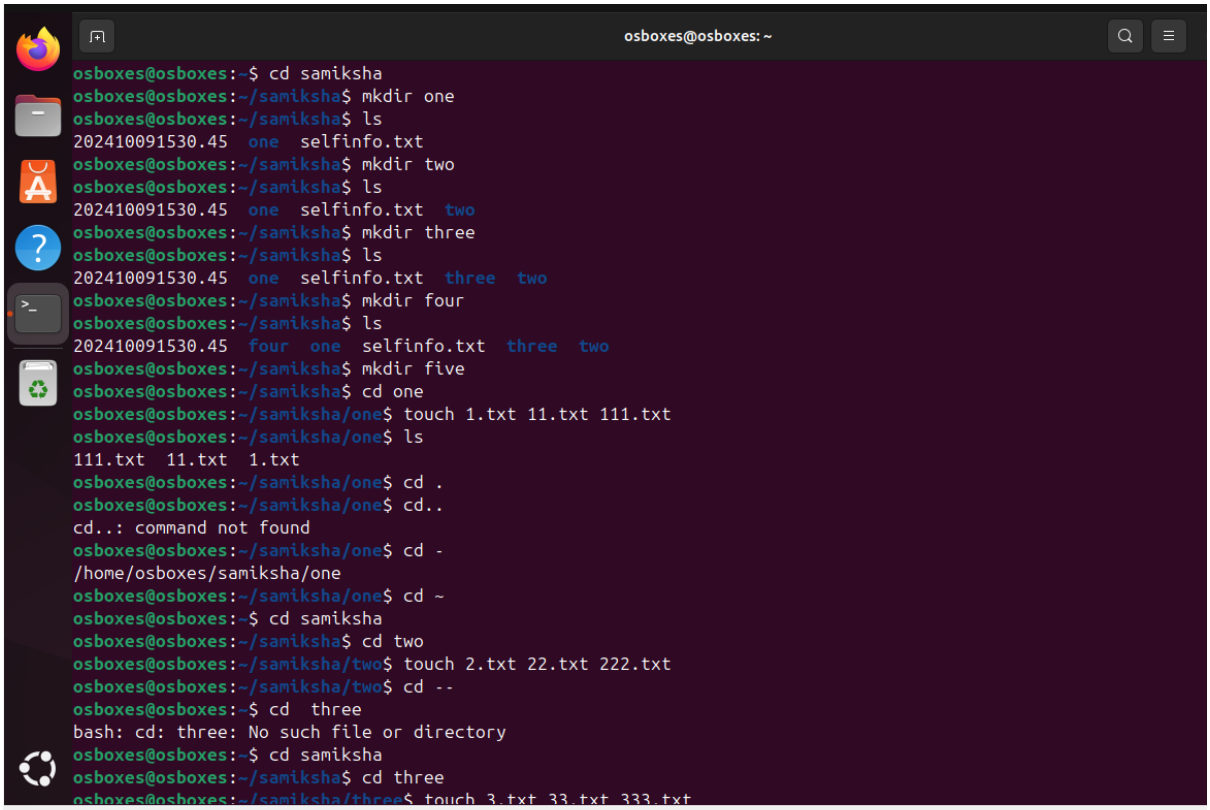
-> touch 2.txt 22.txt 222.txt

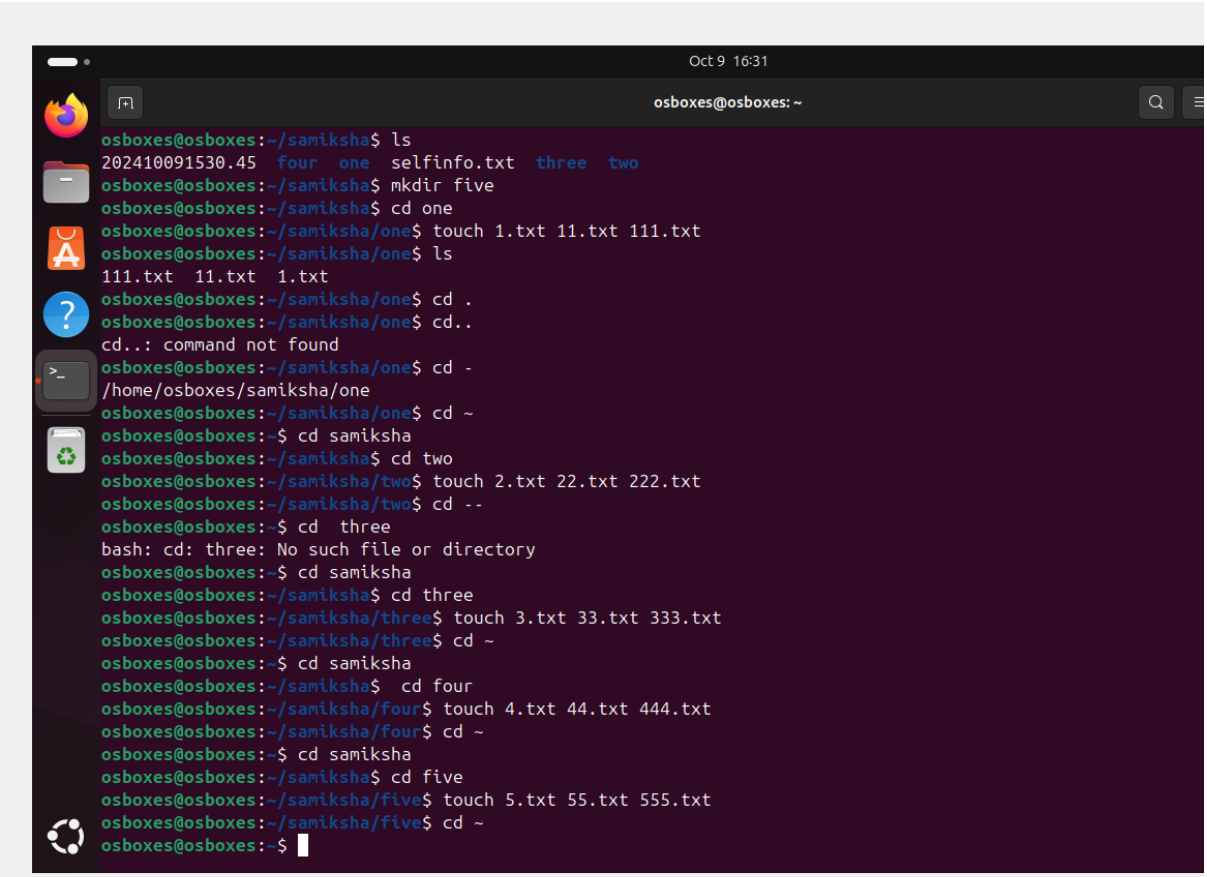
-> mkdir three

-> cd three

-> touch 3.txt 33.txt 333.txt

-> mkdir four
-> cd four
-> touch 4.txt 44.txt 444.txt
-> mkdir five
-> cd five
-> touch 5.txt 55.txt 555.txt
-> cd ~ (i.e. go to your home directory





8. Considering above directory structure , Do following operations :

i. list the directory contents of directory named "five" from current directory (i.e. home directory)

```
osboxes@osboxes:~$ ls one/two/three/four/five
555.txt  55.txt  5.txt
osboxes@osboxes:~$
```

ii. write your name in a file named "44.txt" of directory "four" from current directory.

```
sboxes@osboxes:~$ echo "Mrunali Pardhi" >one/two/three/four/44.txt
sboxes@osboxes:~$ cat one/two/three/four/44.txt
runali Pardhi
sboxes@osboxes:~$
```

iii.remove the file named "555.txt" from directory "five" from current directory.

```
sboxes@osboxes:~$ rm one/two/three/four/five/555.txt
sboxes@osboxes:~$ ls one/two/three/four/five
55.txt  5.txt
sboxes@osboxes:~$
```

iv. change directory to five (i.e. cd one/two/three/four/five/).

```
osboxes@osboxes:~$ cd one/two/three/four/five
osboxes@osboxes:~/one/two/three/four/five$ pwd
/home/osboxes/one/two/three/four/five
osboxes@osboxes:~/one/two/three/four/five$
```

v. write your course name in file named "3.txt" which resides in directory "three" from current directory (i.e. five).also read the same file.

```
osboxes@osboxes:~/one/two/three/four/five$ cat ../../../three/3.txt
osboxes@osboxes:~/one/two/three/four/five$ echo "CDAC" > ../../../three/3.txt
osboxes@osboxes:~/one/two/three/four/five$ cat ../../../three/3.txt
CDAC
osboxes@osboxes:~/one/two/three/four/five$
```

vi. list the contents of directory "two" from current directory (i.e. five).

```
osboxes@osboxes:~/one/two/three/four/five$ ls /home/osboxes/one/two
222.txt  22.txt  2.txt  three
osboxes@osboxes:~/one/two/three/four/five$
```

vii. remove file named "222.txt" which belongs to directory "two" from current directory (i.e. five)

```
osboxes@osboxes:~/one/two/three/four/five$ rm /home/osboxes/one/two/222.txt
```

viii. now change the directory to "one"

```
osboxes@osboxes:~/one/two/three/four/five$ cd ~
osboxes@osboxes:~$ cd one
osboxes@osboxes:~/one$ pwd
/home/osboxes/one
osboxes@osboxes:~/one$
```

ix. remove all files only from directory named "five" from current directory (i.e. one

```
osboxes@osboxes:~$ rm /home/osboxes/one/two/three/four/five/*
osboxes@osboxes:~$ ls /home/osboxes/one/two/three/four/five
```

x. remove directory named "five" from current directory (i.e. one)

```
osboxes@osboxes:~$ rm -r one/two/three/four/five
osboxes@osboxes:~$ ls one/two/three/four
```

xi. remove whole directory named "four" from current directory (i.e. one)

```
osboxes@osboxes:~$ rm -r one/two/three/four
osboxes@osboxes:~$ ls one/two/three
```

xii. change to your home directory.

```
osboxes@osboxes:~$ cd ~
osboxes@osboxes:~$
```

9. change the time stamp of file named "3.txt" which resides in directory named "three".(man touch)

Ans→

```
osboxes@osboxes:~$ touch one/two/three/3.txt
osboxes@osboxes:~$ ls -l one/two/three/3.txt
-rw-rw-r-- 1 osboxes osboxes 5 Oct  8 14:10 one/two/three/3.txt
osboxes@osboxes:~$
```