

Assignment 2

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

```
sunbeam@D1-92594-taha:~/Desktop/SDM/Assignment$ cd ~
sunbeam@D1-92594-taha:~$ man ls
sunbeam@D1-92594-taha:~$ ls -t
snap Desktop Documents Downloads Music Pictures Public Templates Videos
sunbeam@D1-92594-taha:~$
```

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

```
sunbeam@D1-92594-taha:~$ ls -S
Desktop Documents Downloads Music Pictures Public snap Templates Videos
sunbeam@D1-92594-taha:~$
```

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

```
sunbeam@D1-92594-taha:~$ ls -li
262178 Desktop 262182 Documents 262179 Downloads 262183 Music 262184 Pictures 262181 Public 262155 snap 262180 Templates 262185
sunbeam@D1-92594-taha:~$
```

4. List the contents of the subdirectory.

```
sunbeam@D1-92594-taha:~$ ls
Desktop Documents Downloads Music Pictures Public snap Templates Videos
sunbeam@D1-92594-taha:~$
```

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.

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

```
sunbeam@D1-92594-taha:~$ ls
Desktop Documents Downloads Music Pictures Public snap Templates Videos
sunbeam@D1-92594-taha:~$ cd Desktop
sunbeam@D1-92594-taha:~/Desktop$ cat > que5.txt
Name: Mohammad Taha
Surname: Ansari
sunbeam@D1-92594-taha:~/Desktop$ cat >> que5.txt
Address: Hinjewadi Phase 2, Pune
sunbeam@D1-92594-taha:~/Desktop$ cat que5.txt
Name: Mohammad Taha
Surname: Ansari
Address: Hinjewadi Phase 2, Pune
sunbeam@D1-92594-taha:~/Desktop$
```

6. how to change the time stamp of file

```
sunbeam@D1-92594-taha:~/Desktop$ touch que5.txt
sunbeam@D1-92594-taha:~/Desktop$
```

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)

```
sunbeam@D1-92594-taha:~/Desktop$ mkdir one
sunbeam@D1-92594-taha:~/Desktop$ cd one
sunbeam@D1-92594-taha:~/Desktop/one$ touch 1.txt 11.txt 111.txt
sunbeam@D1-92594-taha:~/Desktop/one$ mkdir two
sunbeam@D1-92594-taha:~/Desktop/one$ cd two
sunbeam@D1-92594-taha:~/Desktop/one/two$ touch 2.txt 22.txt 222.txt
sunbeam@D1-92594-taha:~/Desktop/one/two$ cd three
bash: cd: three: No such file or directory
sunbeam@D1-92594-taha:~/Desktop/one/two$ mkdir three
sunbeam@D1-92594-taha:~/Desktop/one/two$ cd three
sunbeam@D1-92594-taha:~/Desktop/one/two/three$ touch 3.txt 33.txt 333.txt
sunbeam@D1-92594-taha:~/Desktop/one/two/three$ mkdir four
sunbeam@D1-92594-taha:~/Desktop/one/two/three$ cd four
sunbeam@D1-92594-taha:~/Desktop/one/two/three/four$ touch 4.txt 44.txt 444.txt
sunbeam@D1-92594-taha:~/Desktop/one/two/three/four$ mkdir five
sunbeam@D1-92594-taha:~/Desktop/one/two/three/four$ cd five
sunbeam@D1-92594-taha:~/Desktop/one/two/three/four/five$ touch 5.txt 55.txt 555.txt
sunbeam@D1-92594-taha:~/Desktop/one/two/three/four/five$ cd ~
```

8. Considering above directory structure , Do following operations :

- i. list the directory contents of directory named "five" from current directory (i.e. home directory).
- 1ii. write your name in a file named "44.txt" of directory "four" from current directory.
- iii. remove the file named "555.txt" from directory "five" from current directory.
- iv. change directory to five
one/two/three/four/five/).
(i.e. cd
- 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.
- vi. list the contents of directory "two" from current directory (i.e. five).
- vii. remove file named "222.txt" which belongs to directory "two" from current directory (i.e. five)
- viii. now change the directory to "one"
- ix. remove all files only from directory named "five" from current directory (i.e. one)
- x. remove directory named "five" from current directory (i.e. one)
- xi. remove whole directory named "four" from current directory (i.e. one)
- xii. change to your home directory.

```

sunbeam@D1-92594-taha:~$ ls Desktop/one/two/three/four/five
555.txt 55.txt 5.txt
sunbeam@D1-92594-taha:~$ cat > Desktop/one/two/three/four/44.txt
Name: Mohammad Taha
sunbeam@D1-92594-taha:~$ rm Desktop/one/two/three/four/five/555.txt
sunbeam@D1-92594-taha:~$ cd Desktop/one/two/three/four/five/
sunbeam@D1-92594-taha:~/Desktop/one/two/three/four/five$ cat > ../../3.txt
Course Name: DAC
sunbeam@D1-92594-taha:~/Desktop/one/two/three/four/five$ ls ../../../../
222.txt 22.txt 2.txt three
sunbeam@D1-92594-taha:~/Desktop/one/two/three/four/five$ rm ../../../../222.txt
sunbeam@D1-92594-taha:~/Desktop/one/two/three/four/five$ cd ../../../../
sunbeam@D1-92594-taha:~/Desktop/one$ rm two/three/four/five/5.txt
sunbeam@D1-92594-taha:~/Desktop/one$ rm two/three/four/five/55.txt
sunbeam@D1-92594-taha:~/Desktop/one$ rm two/three/four/five/555.txt
sunbeam@D1-92594-taha:~/Desktop/one$ rm -r two/three/four
sunbeam@D1-92594-taha:~/Desktop/one$ cd ~
sunbeam@D1-92594-taha:~$

```

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

```

sunbeam@D1-92594-taha:~$ touch Desktop/one/two/three/3.txt
sunbeam@D1-92594-taha:~$

```