

Assignment No - 02

Q1

Ans->

```
osboxes@osboxes:~/Desktop$ ls -l
total 48
-rw-rw-r-- 1 osboxes osboxes 40 Oct 7 08:49 assign.txt
-rw-rw-r-- 1 osboxes osboxes 32 Oct 7 08:36 catfile.txt
-rw-rw-r-- 1 osboxes osboxes 32 Oct 7 08:38 copy.txt
drwxrwxr-x 3 osboxes osboxes 4096 Oct 7 08:50 d1
drwxrwxr-x 3 osboxes osboxes 4096 Oct 7 08:41 dir2
drwxrwxr-x 2 osboxes osboxes 4096 Oct 7 08:26 dir3
-rw-rw-r-- 1 osboxes osboxes 0 Oct 8 08:06 err.txt
-rw-rw-r-- 1 osboxes osboxes 0 Oct 7 08:29 file2.txt
-rw-rw-r-- 1 osboxes osboxes 0 Oct 7 08:41 hidden.txt
-rw-rw-r-- 1 osboxes osboxes 77 Oct 8 08:03 lserr.txt
-rw-rw-r-- 1 osboxes osboxes 98 Oct 8 08:02 lsout.txt
-rw-rw-r-- 1 osboxes osboxes 32 Oct 7 08:37 moved.txt
-rw-rw-r-- 1 osboxes osboxes 33 Oct 8 07:59 numbers.txt
-rw-rw-r-- 1 osboxes osboxes 9 Oct 8 08:05 out.txt
-rw-rw-r-- 1 osboxes osboxes 0 Oct 8 08:06 out.txt2
-rw-rw-r-- 1 osboxes osboxes 33 Oct 8 08:02 sorted.txt
```

Q2

Ans->

```
osboxes@osboxes:~/Desktop$ ls -s
total 48
4 assign.txt  4 copy.txt  4 dir2  0 err.txt  0 hidden.txt  4 lsout.txt  4 numbers.txt  0 out.txt2
4 catfile.txt 4 d1        4 dir3  0 file2.txt 4 lserr.txt  4 moved.txt  4 out.txt      4 sorted.txt
```

Q3

Ans->

```
osboxes@osboxes:~/Desktop$ ls -li
8127197 assign.txt 8127445 d1 8127536 err.txt 8127537 lserr.txt 8127441 numbers.txt 8127455 sorted.txt
8127452 catfile.txt 8127443 dir2 8127432 file2.txt 8127535 lsout.txt 8127569 out.txt
8127449 copy.txt 8127444 dir3 8127454 hidden.txt 8126881 moved.txt 8127458 out.txt2
```

Q4

Ans->

```
osboxes@osboxes:~/Desktop$ ls -a
.  assign.txt  copy.txt  dir2  err.txt  .hidden.txt  lserr.txt  moved.txt  out.txt  sorted.txt
.. catfile.txt d1        dir3  file2.txt hidden.txt  lsout.txt  numbers.txt out.txt2
```

Q5

Ans->

```
osboxes@osboxes:~/Desktop$ cat > name.txt
korane pratik
osboxes@osboxes:~/Desktop$ cat >> name.txt
kagal kolhapur
osboxes@osboxes:~/Desktop$ cat name.txt
korane pratik
kagal kolhapur
```

Q6

Ans->

```
osboxes@osboxes:~$ cd Desktop
osboxes@osboxes:~/Desktop$ ls
assign.txt  copy.txt  dir2  err.txt  hidden.txt  lsout.txt  name.txt  one  out.txt2
catfile.txt d1        dir3  file2.txt  lserr.txt  moved.txt  numbers.txt  out.txt  sorted.txt
osboxes@osboxes:~/Desktop$ ls -lt name.txt
-rw-rw-r-- 1 osboxes osboxes 30 Oct  8 08:30 name.txt
osboxes@osboxes:~/Desktop$ touch -t 202309091214 name.txt
osboxes@osboxes:~/Desktop$ ls -lt name.txt
-rw-rw-r-- 1 osboxes osboxes 30 Sep  9 2023 name.txt
osboxes@osboxes:~/Desktop$
```

Q7

Ans->

```

osboxes@osboxes:~/Desktop$ mkdir one
osboxes@osboxes:~/Desktop$ cd one
osboxes@osboxes:~/Desktop/one$ touch 1.txt 11.txt 111.txt
osboxes@osboxes:~/Desktop/one$ mkdir two
osboxes@osboxes:~/Desktop/one$ cd two
osboxes@osboxes:~/Desktop/one/two$ touch 2.txt 22.txt 222.txt
osboxes@osboxes:~/Desktop/one/two$ mkdir three
osboxes@osboxes:~/Desktop/one/two$ cd three
osboxes@osboxes:~/Desktop/one/two/three$ touch 3.txt 33.txt 333.txt
osboxes@osboxes:~/Desktop/one/two/three$ mkdir four
osboxes@osboxes:~/Desktop/one/two/three$ cd four
osboxes@osboxes:~/Desktop/one/two/three/four$ touch 4.txt 44.txt 444.txt
osboxes@osboxes:~/Desktop/one/two/three/four$ mkdir five
osboxes@osboxes:~/Desktop/one/two/three/four$ cd five
osboxes@osboxes:~/Desktop/one/two/three/four/five$ touch 5.txt 55.txt 555.txt
osboxes@osboxes:~/Desktop/one/two/three/four/five$ cd ~

```

Q8

Ans->

i)

```

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

```

ii)

```

osboxes@osboxes:~$ echo "Pratik Korane" > Desktop/one/two/three/four/44.txt
osboxes@osboxes:~$ cd Desktop/one/two/three/four
osboxes@osboxes:~/Desktop/one/two/three/four$ cat 44.txt
Pratik Korane

```

iii)

```

osboxes@osboxes:~/Desktop$ ls -li
8127197 assign.txt  8127445 d1      8127536 err.txt    8127537 lserr.txt  8127441 numbers.txt  8127455 sorted.txt
8127452 catfile.txt 8127443 dir2    8127432 file2.txt    8127535 lsout.txt  8127569 out.txt
8127449 copy.txt    8127444 dir3    8127454 hidden.txt 8126881 moved.txt  8127458 out.txt2

```

iv)

```

osboxes@osboxes:~/Desktop$ ls -la
.  assign.txt  copy.txt  dir2  err.txt  .hidden.txt  lserr.txt  moved.txt  out.txt  sorted.txt
.. catfile.txt d1        dir3  file2.txt  hidden.txt  lsout.txt  numbers.txt  out.txt2

```

v)

```
osboxes@osboxes:~/Desktop$ cat > name.txt
korane pratik
osboxes@osboxes:~/Desktop$ cat >> name.txt
kagal kolhapur
osboxes@osboxes:~/Desktop$ cat name.txt
korane pratik
kagal kolhapur
```

vi)

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

vii)

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

viii)

```
osboxes@osboxes:~/Desktop/new/one/two/three/four/five$ cd ../../../../
osboxes@osboxes:~/Desktop/new/one$
```

ix)

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

x)

```
sboxes@osboxes:~/Desktop/new/one$ rmdir two/three/four/five
sboxes@osboxes:~/Desktop/new/one$ ls two/three/four
44.txt 44.txt 4.txt
```

xi)

```
osboxes@osboxes:~/Desktop/new/one$ rm -R two/three/four
osboxes@osboxes:~/Desktop/new/one$ ls two/three
333.txt 33.txt 3.txt
osboxes@osboxes:~/Desktop/new/one$
```

xii)

```
osboxes@osboxes:~/Desktop/new/one$ cd ~  
osboxes@osboxes:~$
```

Q9

Ans->

```
osboxes@osboxes:~$ touch -t 202309091213 Desktop/new/one/two/three/3.txt  
osboxes@osboxes:~$ cat Desktop/new/one/two/three/3.txt  
Course=PGDAC  
osboxes@osboxes:~$ ls -lt Desktop/new/one/two/three/3.txt  
-rw-rw-r-- 1 osboxes osboxes 13 Sep  9  2023 Desktop/new/one/two/three/3.txt  
osboxes@osboxes:~$
```