

Assignment 2

Question 1

```
osboxes@osboxes:~$ ls -lt
total 36
drwxr-xr-x 3 osboxes osboxes 4096 Oct  8 07:36 Desktop
drwx----- 6 osboxes osboxes 4096 Oct  7 13:15 snap
drwxr-xr-x 2 osboxes osboxes 4096 Jun  3 20:20 Documents
drwxr-xr-x 2 osboxes osboxes 4096 Jun  3 20:20 Downloads
drwxr-xr-x 2 osboxes osboxes 4096 Jun  3 20:20 Music
drwxr-xr-x 2 osboxes osboxes 4096 Jun  3 20:20 Pictures
drwxr-xr-x 2 osboxes osboxes 4096 Jun  3 20:20 Public
drwxr-xr-x 2 osboxes osboxes 4096 Jun  3 20:20 Templates
drwxr-xr-x 2 osboxes osboxes 4096 Jun  3 20:20 Videos
osboxes@osboxes:~$
```

Question 2

```
osboxes@osboxes:~$ ls -s
total 36
4 Desktop      4 Downloads  4 Pictures  4 snap      4 Videos
4 Documents    4 Music      4 Public   4 Templates
osboxes@osboxes:~$
```

Question 3

```
osboxes@osboxes:~/Desktop/new$ ls -i
8130323 d1 8128218 name.txt 8127539 numbers.txt 8127481 textfile.txt
osboxes@osboxes:~/Desktop/new$
```

Question 4

```
osboxes@osboxes:~/Desktop/new$ ls -a
.  ..  d1  name.txt  numbers.txt  textfile.txt
```

Question 5

```
osboxes@osboxes:~/Desktop/new$ cat > name.txt
Deshpande Prathamesh
osboxes@osboxes:~/Desktop/new$ cat name.txt
Deshpande Prathamesh
osboxes@osboxes:~/Desktop/new$ cat >> name.txt
Address- Kagal,Kolhapur
osboxes@osboxes:~/Desktop/new$ cat name.txt
Deshpande Prathamesh
Address- Kagal,Kolhapur
osboxes@osboxes:~/Desktop/new$
```

Question 6

```
osboxes@osboxes:~/Desktop/new$ ls -lt name.txt
-rw-rw-r-- 1 osboxes osboxes 45 Oct  8 07:41 name.txt
osboxes@osboxes:~/Desktop/new$ touch -t 202309091213 name.txt
osboxes@osboxes:~/Desktop/new$ ls -lt
total 20
drwxrwxr-x 3 osboxes osboxes 4096 Oct  8 07:53 one
drwxrwxr-x 3 osboxes osboxes 4096 Oct  8 07:40 d1
-rw-rw-r-- 1 osboxes osboxes  47 Oct  8 07:39 numbers.txt
-rw-rw-r-- 1 osboxes osboxes  25 Oct  8 07:37 textfile.txt
-rw-rw-r-- 1 osboxes osboxes  45 Sep  9 2023 name.txt
osboxes@osboxes:~/Desktop/new$ ls -lt name.txt
-rw-rw-r-- 1 osboxes osboxes 45 Sep  9 2023 name.txt
osboxes@osboxes:~/Desktop/new$
```

Question 7

```
osboxes@osboxes:~/Desktop/new$ mkdir one
osboxes@osboxes:~/Desktop/new$ cd one
osboxes@osboxes:~/Desktop/new/one$ touch 1.txt 11.txt 111.txt
touch1.txt: command not found
osboxes@osboxes:~/Desktop/new/one$ touch 1.txt 11.txt 111.txt
osboxes@osboxes:~/Desktop/new/one$ mkdir two
osboxes@osboxes:~/Desktop/new/one$ cd two
osboxes@osboxes:~/Desktop/new/one/two$ touch 2.txt 22.txt 222.txt
osboxes@osboxes:~/Desktop/new/one/two$ mkdir three
osboxes@osboxes:~/Desktop/new/one/two$ cd three
osboxes@osboxes:~/Desktop/new/one/two/three$ touch 3.txt 33.txt 333.txt
osboxes@osboxes:~/Desktop/new/one/two/three$ mkdir four
osboxes@osboxes:~/Desktop/new/one/two/three$ cd four
osboxes@osboxes:~/Desktop/new/one/two/three/four$ touch 4.txt 44.txt 444.txt
osboxes@osboxes:~/Desktop/new/one/two/three/four$ mkdir five
osboxes@osboxes:~/Desktop/new/one/two/three/four$ cd five
osboxes@osboxes:~/Desktop/new/one/two/three/four/five$ touch 5.txt 55.txt 555.txt
osboxes@osboxes:~/Desktop/new/one/two/three/four/five$ cd ~
osboxes@osboxes:~$
```

Question 8.1

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

Question 8.2

```
osboxes@osboxes:~$ echo "Prathamesh" > Desktop/new/one/two/three/four/44.txt
osboxes@osboxes:~$ cd Desktop/new/one/two/three/four
osboxes@osboxes:~/Desktop/new/one/two/three/four$ cat 44.txt
Prathamesh
osboxes@osboxes:~/Desktop/new/one/two/three/four$
```

Question 8.3

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

Question 8.4

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

Question 8.5

```
osboxes@osboxes:~/Desktop/new/one/two/three/four/five$ cat > ../../3.txt
Course=PGDAC
osboxes@osboxes:~/Desktop/new/one/two/three/four/five$ cd ../../
osboxes@osboxes:~/Desktop/new/one/two/three$ ls
333.txt  33.txt  3.txt  four
osboxes@osboxes:~/Desktop/new/one/two/three$ cat 3.txt
Course=PGDAC
osboxes@osboxes:~/Desktop/new/one/two/three$
```

Question 8.6

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

Question 8.7

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

Question 8.8

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

Question 8.9

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

Question 8.10

```
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
```

Question 8.11

```
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$
```

Question 8.12

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

Question 9

```
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:~$
```