

Assignment No.3

Q.1,2,3,4

```
osboxes@osboxes:~$ ls -la
.      2.txt  6.txt      .bashrc  Desktop  Downloads  .local  Pictures  snap  .sudo_as_admin_successful  Videos
..     3.txt  .bash_history .cache   dir1     .gnupg    Music   .profile  sort  tamp
1.txt  4.txt  .bash_logout .config  Documents .lessht   one     Public   .ssh  Templates
osboxes@osboxes:~$ rename "s/.txt/.html/" *.txt
osboxes@osboxes:~$ ln -s 2.txt
osboxes@osboxes:~$ ln 2.txt
```

Q.5

```
osboxes@osboxes:~$ ln one/1.txt
```

Q.6,7,8

```
osboxes@osboxes:~$ stat 1.txt
  File: 1.txt
  Size: 0          Blocks: 0          IO Block: 4096   regular empty file
Device: 8,2      Inode: 8128652      Links: 2
Access: (0664/-rw-rw-r--)  Uid: ( 1000/ osboxes)   Gid: ( 1000/ osboxes)
Access: 2024-10-09 06:48:57.213785309 -0400
Modify: 2024-10-09 06:48:57.213785309 -0400
Change: 2024-10-09 08:55:30.105738243 -0400
 Birth: 2024-10-09 06:48:57.213785309 -0400
osboxes@osboxes:~$ touch -a -m -t 201512180130.09 1.txt
osboxes@osboxes:~$ touch 7.txt
```

Q.9,10,11,12,13,14,15,16,17

```
osboxes@osboxes:~$ tail -5 7.txt
6
7
8
9
10
osboxes@osboxes:~$ whoami
osboxes
osboxes@osboxes:~$ tty
/dev/pts/0
osboxes@osboxes:~$ who am i
osboxes@osboxes:~$ users
osboxes osboxes
osboxes@osboxes:~$ who
osboxes  seat0          2024-10-09 05:17 (login screen)
osboxes  tty2           2024-10-09 05:17 (tty2)
osboxes@osboxes:~$ grep "7" 7.txt
7
```

Q.17,18,19,20,21,22,23

```
osboxes@osboxes:~$ chmod -r 1.txt
osboxes@osboxes:~$ chmod -w -r -x 1.txt
osboxes@osboxes:~$ bc <7.txt> 9.txt
osboxes@osboxes:~$ who <7.txt | wc> 10.txt
osboxes@osboxes:~$ head -7 7.txt | tail -5
3
4
5
6
7
osboxes@osboxes:~$ sort 7.txt | uniq
1
10
2
3
4
5
6
7
8
9
```

Q.24,25,26,27,28,29

```
osboxes@osboxes:~$ ls -l
total 120
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 Desktop
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 Documents
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 Downloads
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 Music
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 Pictures
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 Public
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 Templates
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 Videos
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 1.html
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 11.txt
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 9.txt
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 1.txt
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 output.txt
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 2.sh
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 6.html
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 7.txt
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 2.txt
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 3.html
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 10.txt
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 8.txt
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 2.html
-rw-r--r-- 1 osboxes osboxes 4096 Nov 11 11:11 4.html
osboxes@osboxes:~$ who | grep -v -E 'tty2|tty3|tty4'
osboxes  seat0          2024-10-09 05:17 (login screen)
osboxes@osboxes:~$ ls -la | grep '^\.
..
.bash_history
.bash_logout
.bashrc
.cache
.config
.gnupg
.lessshst
.local
.profile
.ssh
.sudo_as_admin_successful
.viminfo
.vimrc
osboxes@osboxes:~$ tr -s ' '\n' < 7.txt | tr '[:lower:]' '[:upper:]'> 11.txt
osboxes@osboxes:~$ cut -d ',' -f 1 7.txt
1
2
3
4
5
6
7
8
9
```