

DAY 3 ASSIGNMENT

1. To view what's written in a file.

→ **cat :-** It is used Concatenate and display files content.

```
ubuntu@ip-172-31-34-30:~$ cat sample.txt
This is a sample file
ubuntu@ip-172-31-34-30:~$
```

2. To change the access permissions of files.

→ **chmod :-** It is use to change permissions of the files

```
ubuntu@ip-172-31-34-30:~$ ls -lrth sample.txt
-rw-rw-r-- 1 ubuntu ubuntu 22 Mar 23 14:57 sample.txt
ubuntu@ip-172-31-34-30:~$ chmod 755 sample.txt
ubuntu@ip-172-31-34-30:~$ ls -lrth sample.txt
-rwxr-xr-x 1 ubuntu ubuntu 22 Mar 23 14:57 sample.txt
ubuntu@ip-172-31-34-30:~$
```

3. To check which commands you have run till now.

→ **history :-** shows the list of commands executed till now

```
698 docker network ls
699 clear
700 cat
701 cd docker-projects/
702 cd two-tier-flask-app/
703 vim docker-compose.yml
704 clear
705 history
ubuntu@ip-172-31-34-30:~$
```

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4. To remove a directory/ Folder.

→ **rmdir** :- removes empty directory

```
ubuntu@ip-172-31-34-30:~/testdir$ pwd
/home/ubuntu/testdir
ubuntu@ip-172-31-34-30:~/testdir$
ubuntu@ip-172-31-34-30:~/testdir$ cd ..
ubuntu@ip-172-31-34-30:~$ rmdir testdir/
ubuntu@ip-172-31-34-30:~$ cd testdir
-bash: cd: testdir: No such file or directory
ubuntu@ip-172-31-34-30:~$
```

5. To create a fruits.txt file and to view the content.

→ **touch** :- This command is use to create a file

→ **cat** :- This command is view the contents of the file

```
ubuntu@ip-172-31-34-30:~$ touch fruits.txt
ubuntu@ip-172-31-34-30:~$
ubuntu@ip-172-31-34-30:~$ ls fruits.txt
fruits.txt
ubuntu@ip-172-31-34-30:~$ cat fruits.txt
ubuntu@ip-172-31-34-30:~$
```

6. Add content in devops.txt (One in each line) - Apple, Mango, Banana, Cherry, Kiwi, Orange, Guava.

→ **vim**:- Its an editor where you can add the text as per yours wish

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```
ubuntu@ip-172-31-34-30:~$ cat devops.txt
Apple
Mango
Banana
Cherry
Kiwi
Orange
Guava
ubuntu@ip-172-31-34-30:~$
```

7. To Show only top three fruits from the file.

→ **cat devops.txt | head -3**

```
ubuntu@ip-172-31-34-30:~$ cat devops.txt | head -3
Apple
Mango
Banana
ubuntu@ip-172-31-34-30:~$
```

8. To Show only bottom three fruits from the file.

→ **cat devops.txt | tail -3**

```
Banana
ubuntu@ip-172-31-34-30:~$ cat devops.txt | tail -3
Kiwi
Orange
Guava
ubuntu@ip-172-31-34-30:~$
```

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9. To create another file Colors.txt and to view the content.

→ **touch Colors.txt**

→ **cat Colors.txt**

10. Add content in Colors.txt (One in each line) - Red, Pink, White, Black, Blue, Orange, Purple, Grey.

→ **vim Colors.txt**

```
ubuntu@ip-172-31-34-30:~$ cat Colors.txt
Red
Pink
White
Black
Blue
Orange
Purple
Grey
```

11. To find the difference between fruits.txt and Colors.txt file.

→ **diff :- is used to find difference between two files**

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```
ubuntu@ip-172-31-34-30:~$ diff fruits.txt Colors.txt
0a1,9
> Red
> Pink
> White
> Black
> Blue
> Orange
> Purple
> Grey
>
```