Day 3 Task: Basic Linux Commands

Task: What is the linux command to

1.To view what's written in a file

→cat <FileName>

Ex:-

```
day2    day3    day4    hello.sh    me.sh
ubuntu@ip-172-31-33-37:~/shell-scripting-for-devops$ cat hello.sh
#!/bin/bash

#this is script for TWS

echo "Tws:Heelo dosto"

echo "learners:Devops wale bhaiya,hum to comment karenge"

echo "TWS: toh dosto like bhi karo do"
```

2.To change the access permissions of files.

→ chmod

Ex:-

```
ubuntu@ip-172-31-33-37:~/shell-scripting-for-devops$ chmod -rwx hello.sh
```

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

→history

Ex:-

```
ubuntu@ip-172-31-33-37:~/shell-scripting-for-devops$ history
    1   cd download
    2   echo "hello"
    3   mkdir tws
    4   ls
    5   exit
    6   echo "Hello sir"
    7   ls
```

4.To remove a directory/ Folder.

→rm -rf <DirectoryName/FolderName>

Ex:-

```
ubuntu@ip-172-31-33-37:~/shell-scripting-for-devops$ ls
day2   day3   day4   hello.sh   me.sh
ubuntu@ip-172-31-33-37:~/shell-scripting-for-devops$ rm -rf hello.sh
ubuntu@ip-172-31-33-37:~/shell-scripting-for-devops$ ls
day2   day3   day4   me.sh
```

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

→vim fruits.txt

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

→vim fruits.txt

```
~/shell-scripting-for-devops$ cat fruits.txt
Apple
Mango
Banana
Cherry
Kiwi
Orange
Guava
```

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

→**head -3 fruits.txt**

Ex:
```
ubuntu@ip-172-31-33-37:~/shell-scripting-for-devops$ head -3 fruits.txt
Apple
Mango
Banana
ubuntu@ip-172-31-33-37:~/shell-scripting-for-devops$
```

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

→**tail -3 fruits.txt**

Ex:-
```
ubuntu@ip-172-31-33-37:~/shell-scripting-for-devops$ tail -3 fruits.txt
Kiwi
Orange
Guava
```

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

→**vim Colors.txt**

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

→**vim Colors.txt**

Ex:-
```
Red
Pink
White
Black
Blue
Orange
Purple
Grey
~
~
~
```

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

→**diff fruits.txt colors.txt**
```
ubuntu@ip-172-31-33-37:~/shell-scripting-for-devops$ diff fruits.txt colors.
txt
1,5c1,5
< Apple
< Mango
< Banana
< Cherry
< Kiwi
---
> Red
> Pink
> White
> Black
> Blue
7c7,8
< Guava
---
> Purple
> Grey
```