

Day 3 : Basic Linux commands

This is **#90DaysofDevops** challenge under the guidance of [ShubhamLondhe](#) sir

Task: What is the linux command to

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

"cat filename"

```
ubuntu@ip-172-31-87-77:~$ cat file1.txt
Hi Devops
ubuntu@ip-172-31-87-77:~$
```

2. To change the access permissions of files.

"chmod 777 foldername"

```
ubuntu@ip-172-31-87-77:~$ chmod 777 A
ubuntu@ip-172-31-87-77:~$ ls -l
total 8
drwxrwxrwx 3 ubuntu ubuntu 4096 Mar 26 04:09 A
-rw-rw-r-- 1 ubuntu ubuntu  10 Mar 26 04:27 file1.txt
```

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

"history"

```
ubuntu@ip-172-31-87-77:~$ history
1  clear
2  pwd
3  clear
4  sudo useradd SwapnaliDevOps -m
5  sudo passwd SwapnaliDevOps
6  pwd
7  cd home
8  cd ..
```

4. To remove a directory/ Folder.

"rm filename" -> to remove the file

"rmdir foldername" -> to remove folder

"rm -r foldername" -> to remove folder recursively

```
ubuntu@ip-172-31-87-77:~$ ls
Devops  file1.txt
ubuntu@ip-172-31-87-77:~$ rm -r Devops
ubuntu@ip-172-31-87-77:~$ rm file1.txt
ubuntu@ip-172-31-87-77:~$ ls
ubuntu@ip-172-31-87-77:~$
```

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

"vim fruit.txt"

"cat fruit.txt"

Save and exit: If you want to save your changes and exit Vim, you can use the **:wq** command.

```
ubuntu@ip-172-31-87-77:~$ vim fruit.txt
ubuntu@ip-172-31-87-77:~$ cat fruit.txt
This is new file
ubuntu@ip-172-31-87-77:~$
```

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

Use command "**vim devops.txt**" and add the fruit one by one

```
ubuntu@ip-172-31-87-77:~$ vim devops.txt
ubuntu@ip-172-31-87-77:~$ vim devops.txt
ubuntu@ip-172-31-87-77:~$ cat devops.txt
apple
mango
banana
cherry
kiwi
orange
guava
ubuntu@ip-172-31-87-77:~$
```

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

"**cat devops.txt | head -3**" is used to show only top 3 fruit from file.

```
ubuntu@ip-172-31-87-77:~$ cat devops.txt | head -3
apple
mango
banana
ubuntu@ip-172-31-87-77:~$
```

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

"cat devops.txt | tail -3" is used to show only top 3 fruit from file.

```
ubuntu@ip-172-31-87-77:~$ cat devops.txt |tail -3
orange
guava
ubuntu@ip-172-31-87-77:~$
```

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

Use command "vim color.txt" to create new file and add color name one by one

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

```
ubuntu@ip-172-31-87-77:~$ vim color.txt
ubuntu@ip-172-31-87-77:~$ cat color.txt
red
pink
white
black
blue
orange
grey
ubuntu@ip-172-31-87-77:~$
```

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

"diff devops.txt color.txt" this command is use to find difference between two file.

Thank you for reading....

-Swapnali.

