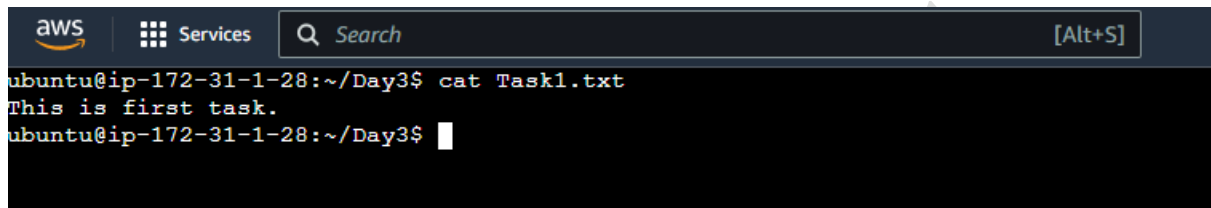


Basics linux command - Day 3

Task: What is the linux command to:

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

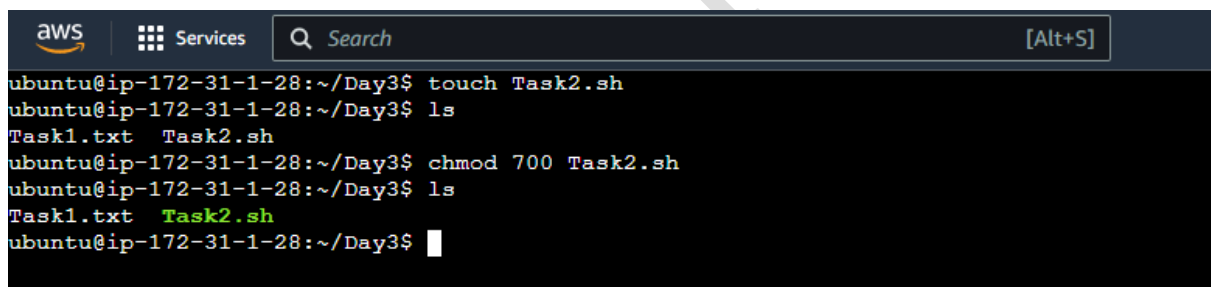
- cat Task1.txt



```
aws Services Search [Alt+S]
ubuntu@ip-172-31-1-28:~/Day3$ cat Task1.txt
This is first task.
ubuntu@ip-172-31-1-28:~/Day3$
```

2. To change the access permissions of files.

- chmod 700 Task2.sh

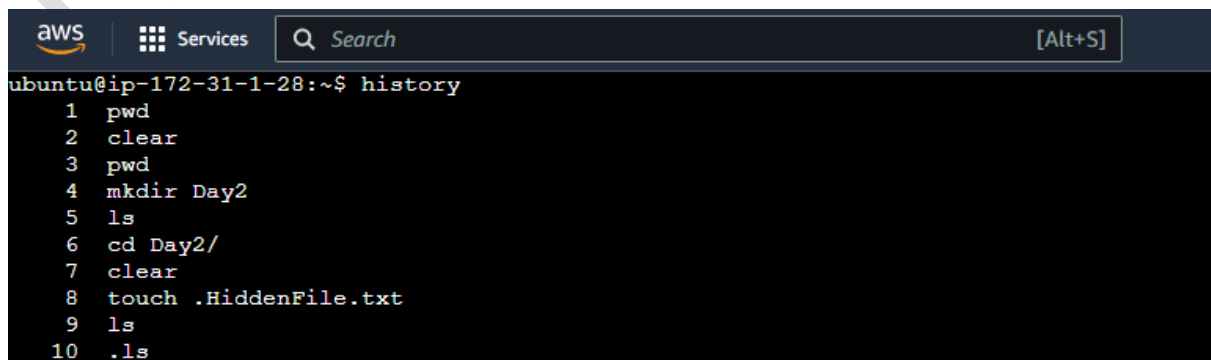


```
aws Services Search [Alt+S]
ubuntu@ip-172-31-1-28:~/Day3$ touch Task2.sh
ubuntu@ip-172-31-1-28:~/Day3$ ls
Task1.txt Task2.sh
ubuntu@ip-172-31-1-28:~/Day3$ chmod 700 Task2.sh
ubuntu@ip-172-31-1-28:~/Day3$ ls
Task1.txt Task2.sh
ubuntu@ip-172-31-1-28:~/Day3$
```

If we observe, we can see colour of **Task2.sh** file got changed to green.

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

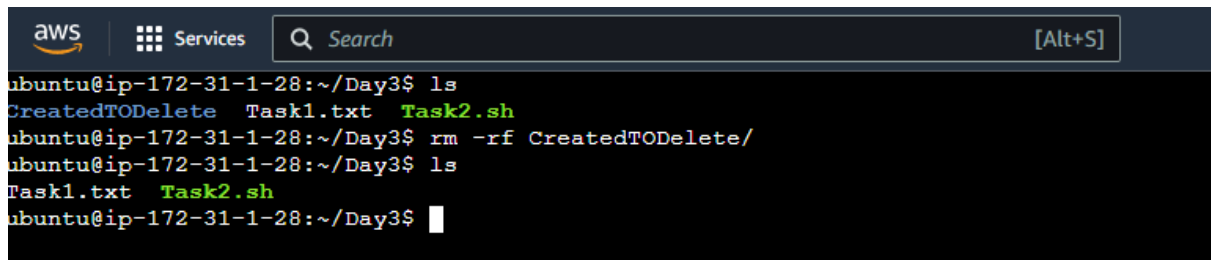
- History



```
aws Services Search [Alt+S]
ubuntu@ip-172-31-1-28:~$ history
1  pwd
2  clear
3  pwd
4  mkdir Day2
5  ls
6  cd Day2/
7  clear
8  touch .HiddenFile.txt
9  ls
10 .ls
```

4. To remove a directory/ Folder.

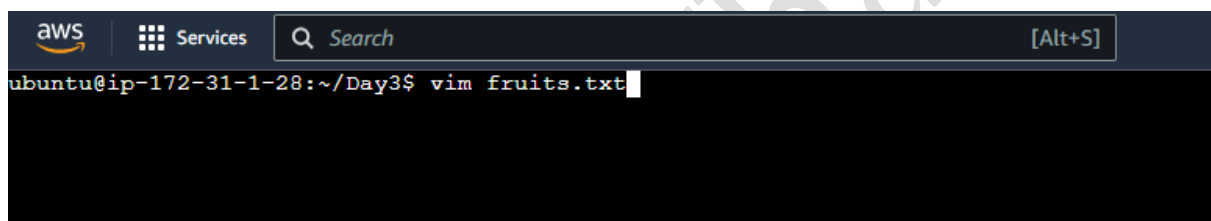
- `rm -rf Directory_Name`
eg.: `rm -rf CreatedToDelete`

A terminal window with an AWS header bar. The user is in the directory ~/Day3. They run 'ls' and see 'CreatedToDelete', 'Task1.txt', and 'Task2.sh'. Then they run 'rm -rf CreatedToDelete/' and run 'ls' again, which shows only 'Task1.txt' and 'Task2.sh'.

```
aws Services Search [Alt+S]
ubuntu@ip-172-31-1-28:~/Day3$ ls
CreatedToDelete Task1.txt Task2.sh
ubuntu@ip-172-31-1-28:~/Day3$ rm -rf CreatedToDelete/
ubuntu@ip-172-31-1-28:~/Day3$ ls
Task1.txt Task2.sh
ubuntu@ip-172-31-1-28:~/Day3$
```

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

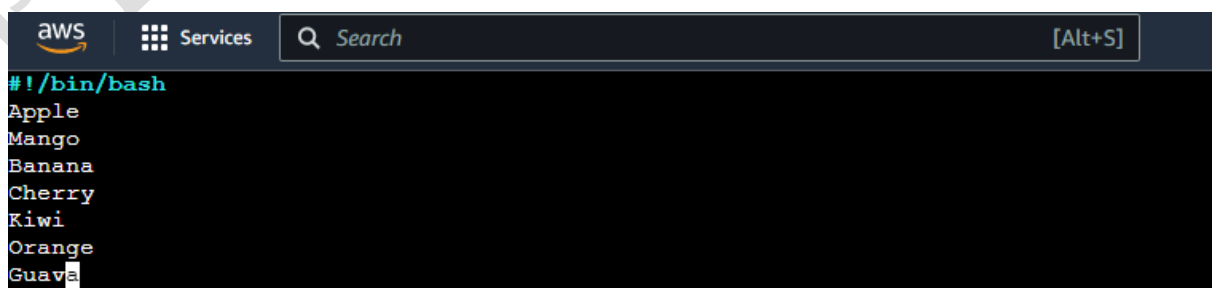
- `vim fruits.txt`

A terminal window with an AWS header bar. The user runs 'vim fruits.txt' and the cursor is at the start of a new line in the file.

```
aws Services Search [Alt+S]
ubuntu@ip-172-31-1-28:~/Day3$ vim fruits.txt
```

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

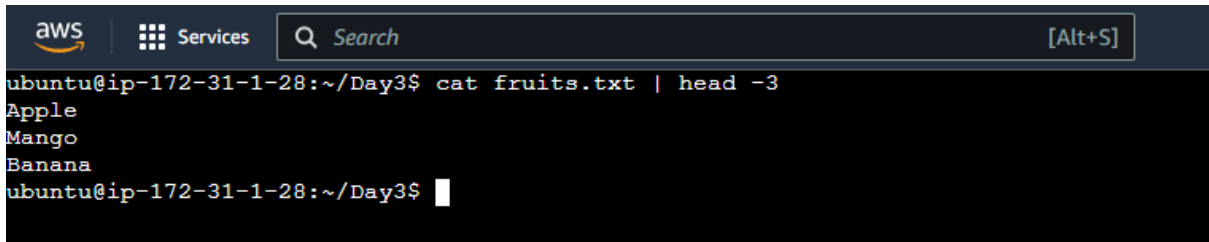
- Apple
Mango
Banana
Cherry
Kiwi
Orange
Guava

A terminal window with an AWS header bar. The user has opened 'fruits.txt' in vim. The file contains seven lines of fruit names: Apple, Mango, Banana, Cherry, Kiwi, Orange, and Guava. The cursor is at the end of the last line.

```
aws Services Search [Alt+S]
#!/bin/bash
Apple
Mango
Banana
Cherry
Kiwi
Orange
Guava
```

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

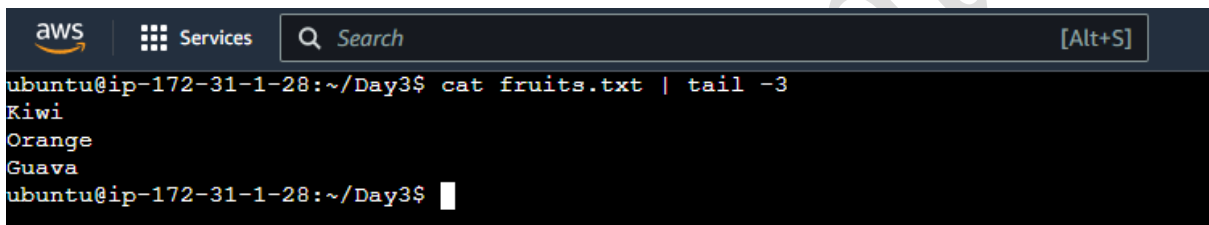
- `cat fruits.txt | head -3`



```
aws Services Search [Alt+S]
ubuntu@ip-172-31-1-28:~/Day3$ cat fruits.txt | head -3
Apple
Mango
Banana
ubuntu@ip-172-31-1-28:~/Day3$
```

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

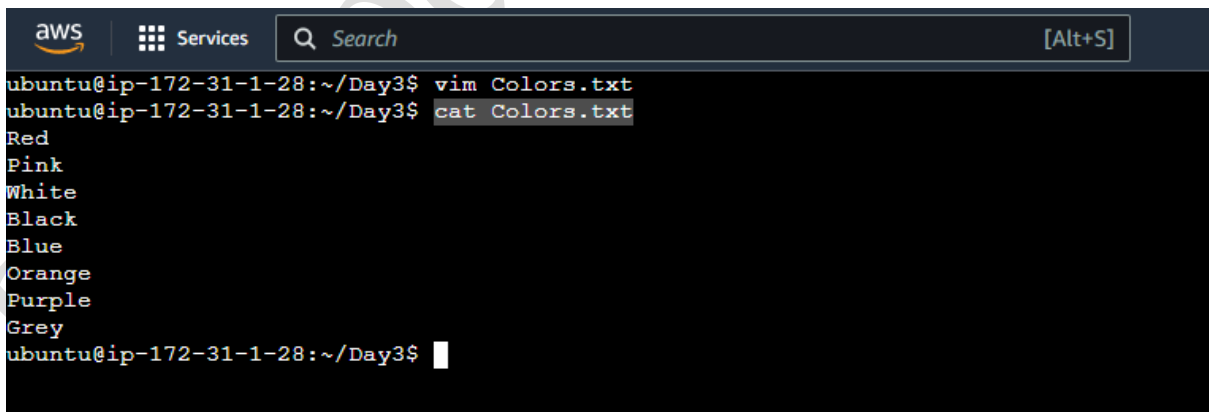
- `cat fruits.txt | tail -3`



```
aws Services Search [Alt+S]
ubuntu@ip-172-31-1-28:~/Day3$ cat fruits.txt | tail -3
Kiwi
Orange
Guava
ubuntu@ip-172-31-1-28:~/Day3$
```

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

- `vim Colors.txt`
- `cat Colors.txt`



```
aws Services Search [Alt+S]
ubuntu@ip-172-31-1-28:~/Day3$ vim Colors.txt
ubuntu@ip-172-31-1-28:~/Day3$ cat Colors.txt
Red
Pink
White
Black
Blue
Orange
Purple
Grey
ubuntu@ip-172-31-1-28:~/Day3$
```

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

```
aws Services Search [Alt+S]
ubuntu@ip-172-31-1-28:~/Day3$ vim Colors.txt
ubuntu@ip-172-31-1-28:~/Day3$ cat Colors.txt
Red
Pink
White
Black
Blue
Orange
Purple
Grey
ubuntu@ip-172-31-1-28:~/Day3$
```

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

➤ diff fruits.txt Colors.txt

```
aws Services Search [Alt+S]
ubuntu@ip-172-31-1-28:~/Day3$ diff fruits.txt Colors.txt
1,5c1,5
< Apple
< Mango
< Banana
< Cherry
< Kiwi
---
> Red
> Pink
> White
> Black
> Blue
7c7,8
< Guava
---
> Purple
> Grey
ubuntu@ip-172-31-1-28:~/Day3$
```