Day 3 Task: Basic Linux Commands

Task: What is the linux command to

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

ubuntu@ip-172-31-21-173:~$ cat file1

Hello World

Basic commands in Linux

1. **To change the access permissions of files.**

ubuntu@ip-172-31-21-173:~$ ls -ltr

total 4

-rw-rw-r-- 1 ubuntu ubuntu 36 Nov 2 02:10 file1

ubuntu@ip-172-31-21-173:~$ chmod 400 file1

ubuntu@ip-172-31-21-173:~$ ls -ltr

total 4

-r-------- 1 ubuntu ubuntu 36 Nov 2 02:10 file1

ubuntu@ip-172-31-21-173:~$ chmod 777 file1

ubuntu@ip-172-31-21-173:~$ ls -ltr

total 4

-rwxrwxrwx 1 ubuntu ubuntu 36 Nov 2 02:10 file1

ubuntu@ip-172-31-21-173:~$

1. **To check which commands you have run till now.**

buntu@ip-172-31-21-173:~$ history

1 cd /

2 pwd

3 ls -ltr

4 whoami

5 grep ubuntu /etc/passwd

6 cd /root

7 su cd /root

1. **To remove a directory/ Folder.**

ubuntu@ip-172-31-21-173:~$ mkdir -p parent/child1/child2/child3

ubuntu@ip-172-31-21-173:~$

ubuntu@ip-172-31-21-173:~$

ubuntu@ip-172-31-21-173:~$ rm -rvf parent

removed directory 'parent/child1/child2/child3'

removed directory 'parent/child1/child2'

removed directory 'parent/child1'

removed directory 'parent'

ubuntu@ip-172-31-21-173:~$

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

buntu@ip-172-31-21-173:~$ touch fruits.txt

ubuntu@ip-172-31-21-173:~$ cat fruits.txt

ubuntu@ip-172-31-21-173:~$

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

ubuntu@ip-172-31-21-173:~$ touch fruits.txt

ubuntu@ip-172-31-21-173:~$

ubuntu@ip-172-31-21-173:~$

ubuntu@ip-172-31-21-173:~$ vi fruits.txt

ubuntu@ip-172-31-21-173:~$

ubuntu@ip-172-31-21-173:~$

ubuntu@ip-172-31-21-173:~$ cat fruits.txt

Apple

Mango

Banana

Cherry

Kiwi

Orange

Guavava

ubuntu@ip-172-31-21-173:~$ more fruits.txt

Apple

Mango

Banana

Cherry

Kiwi

Orange

Guavava

ubuntu@ip-172-31-21-173:~$ less fruits.txt

1. **To Show only top three fruits from the file.**

ubuntu@ip-172-31-21-173:~$ head -3 fruits.txt

Apple

Mango

Banana

ubuntu@ip-172-31-21-173:~$

1. **To Show only bottom three fruits from the file.**

ubuntu@ip-172-31-21-173:~$ tail -3 fruits.txt

Kiwi

Orange

Guavava

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

ubuntu@ip-172-31-21-173:~$ vi colors.txt

ubuntu@ip-172-31-21-173:~$ cat colors.txt

Red

Pink

White

Black

Blue

Orange

Purple

Grey

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

Vi color.txt

Esc+i

Insert the fruit name

Esc+:wq!

1. **To find the difference between fruits.txt and Colors.txt file.**

ubuntu@ip-172-31-21-173:~$ diff fruits.txt colors.txt

1,5c1,5

< Apple

< Mango

< Banana

< Cherry

< Kiwi

---

> Red

> Pink

> White

> Black

> Blue

7c7,8

< Guavava

---

> Purple