

# **Linux Assignment**

## **Commad Practice**

### **1.Manipulating Files and Directories**

```
ankush.dubey@simform.dom@sf-cpu-551:~$ cd Desktop
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ touch p1
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ dir
:p1 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ ls
p1 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ touch p2
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ touch p3
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ dir
p1 p2 p3 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cat>p1 ankush
cat: ankush: No such file or directory
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cat>p1
hiii
^C
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cat p1
hiii
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ mv p1
mv: missing destination file operand after 'p1'
Try 'mv --help' for more information.
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ ln
```

**Basic commands for files and directories are:-**

**cp-copy**  
**mv-move/rename**  
**mkdir-make directory**  
**rm-remove**  
**touch-create file**  
**cat-inserting any text**

# Linux Assignment

## Commad Practice

```
ankush.dubey@simform.dom@sf-cpu-551: ~/Desktop/practice
aaa app Commands\ practices n.pdf                               practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cd aaa
bash: cd: aaa: Not a directory
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cd practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/practice$ mkdir aa
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/practice$ dir
aa  SM
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/practice$ rm aa
rm: cannot remove 'aa': Is a directory
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/practice$ rm -rf aa
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/practice$ dor
Command 'dor' not found, did you mean:
  command 'dog' from snap dog (v0.1.0)
  command 'oor' from deb openoverlayrouter (1.3.0+ds1-3)
  command 'tor' from deb tor (0.4.6.10-1)
  command 'vor' from deb vor (0.5.8-1)
  command 'dot' from deb graphviz (2.42.2-6ubuntu0.1)
  command 'dir' from deb coreutils (8.32-4.1ubuntu1.2)
  command 'dar' from deb dar (2.7.3-1)
  command 'sor' from deb pccts (1.33MR33-6.1)
See 'snap info <snapname>' for additional versions.
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/practice$ dir
SM
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/practice$
```

# Linux Assignment

## Command Practice

### 2. List all file permissions with example

Read – Can view or copy file contents

Write – Can modify file content

Execute – Can run the file (if its executable)

```
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ grep "ohe" b
tchfsfjklnshewwww
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ stat b
  File: b
  Size: 19          Blocks: 8          IO Block: 4096   regular file
Device: fc01h/64513d  Inode: 11668279      Links: 1
Access: (0644/-rw-r--r--)  Uid: (369203608/ankush.dubey@simform.dom)  Gid: (369200513/domain users@simform.dom)
Access: 2026-01-21 15:44:16.488682172 +0530
Modify: 2026-01-21 15:44:11.970701885 +0530
Change: 2026-01-21 15:44:11.970701885 +0530
 Birth: 2026-01-21 15:36:15.166745263 +0530
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ aa saveas ab
Command 'aa' not found, but can be installed with:
apt install astronomical-almanac
Please ask your administrator.
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ mv aa ab
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ dir
ab  b
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ cp ab az
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ dir
ab  az  b
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ mv ab ~/Desktop/
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ mv ab ~/Downloads/
mv: cannot stat 'ab': No such file or directory
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ mv az ~/Downloads/
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ chmod 744 ab
chmod: cannot access 'ab': No such file or directory
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ chmod 744 az
chmod: cannot access 'az': No such file or directory
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ chmod 744 b
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ chmod 7 b
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/e$ cd ..
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cd ..
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ rm -f az
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ dir
Employee_Acknowledgment_Summary_and_Consent.pdf  Homebrew-brew-5.0.11-8-g8582f2a\ (1).tar.gz  Homebrew-brew-5.0.11-8-g8582f2a.tar.gz  sdsf  The\ Linux\ Command\ Line.pdf
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ rm -r sdsf
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ dir
Employee_Acknowledgment_Summary_and_Consent.pdf  Homebrew-brew-5.0.11-8-g8582f2a\ (1).tar.gz  Homebrew-brew-5.0.11-8-g8582f2a.tar.gz  The\ Linux\ Command\ Line.pdf
```

# **Linux Assignment**

## **Commad Practice**

### **3.List all running process**

**command:-**

**ps(currently running processes).**

```
ankush.dubey@ktmform.dongsf-cpu-551:~/Desktop$ ps
  PID TTY      TIME CMD
 19591 pts/0    00:00:00 bash
 74762 pts/0    00:00:00 less
 88002 pts/0    00:00:00 grep
131727 pts/0    00:00:00 vlt
141658 pts/0    00:00:00 vlt
164646 pts/0    00:00:00 vlt
184384 pts/0    00:00:00 ps
ankush.dubey@ktmform.dongsf-cpu-551:~/Desktop$
```

# Linux Assignment

## Command Practice

command :top( all tasks)

```
Tasks: 434 total, 1 running, 433 sleeping, 0 stopped, 0 zombie
%Cpu(s): 1.7 us, 1.4 sy, 0.0 ni, 96.8 id, 0.1 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 15838.8 total, 4329.9 free, 7441.5 used, 4067.4 buff/cache
MiB Swap: 1952.0 total, 1952.0 free, 0.0 used. 6931.8 avail Mem
```

| PID   | USER     | PR  | NI  | VIRT    | RES    | SHR    | S | %CPU | %MEM | TIME+   | COMMAND                     |
|-------|----------|-----|-----|---------|--------|--------|---|------|------|---------|-----------------------------|
| 7185  | ankush.+ | 20  | 0   | 1397.2g | 185392 | 109048 | S | 3.0  | 1.1  | 0:16.69 | msedge                      |
| 6645  | ankush.+ | 20  | 0   | 892392  | 55836  | 40736  | S | 2.0  | 0.3  | 0:07.70 | gnome-terminal              |
| 3738  | ankush.+ | 20  | 0   | 1833580 | 197596 | 139872 | S | 1.3  | 1.2  | 4:56.61 | Xorg                        |
| 18505 | ankush.+ | 20  | 0   | 20.5g   | 177220 | 119228 | S | 1.3  | 1.1  | 2:04.02 | project-on-time             |
| 4080  | ankush.+ | 20  | 0   | 5880880 | 286084 | 128692 | S | 1.0  | 1.8  | 4:50.95 | gnome-shell                 |
| 1003  | avahi    | 20  | 0   | 22080   | 7040   | 3712   | S | 0.7  | 0.0  | 2:24.36 | avahi-daemon                |
| 1007  | root     | 20  | 0   | 344548  | 18896  | 16080  | S | 0.7  | 0.1  | 0:40.31 | NetworkManager              |
| 1176  | root     | 20  | 0   | 530252  | 31232  | 26368  | S | 0.7  | 0.2  | 0:24.01 | rustdesk                    |
| 6756  | ankush.+ | 20  | 0   | 49.3g   | 997048 | 316328 | S | 0.7  | 6.1  | 6:01.88 | msedge                      |
| 648   | root     | 19  | -1  | 56608   | 26240  | 25088  | S | 0.3  | 0.2  | 0:06.61 | systemd-journal             |
| 2441  | root     | 20  | 0   | 173876  | 14848  | 11648  | S | 0.3  | 0.1  | 0:02.99 | cups-browsed                |
| 4371  | ankush.+ | 20  | 0   | 162764  | 8192   | 7424   | S | 0.3  | 0.1  | 0:01.85 | at-spi2-registr             |
| 6807  | ankush.+ | 20  | 0   | 48.5g   | 209460 | 104052 | S | 0.3  | 1.3  | 2:08.26 | msedge                      |
| 7191  | ankush.+ | 20  | 0   | 1395.5g | 144900 | 94336  | S | 0.3  | 0.9  | 0:09.64 | msedge                      |
| 8237  | ankush.+ | 20  | 0   | 1395.5g | 200116 | 119504 | S | 0.3  | 1.2  | 0:12.14 | msedge                      |
| 18415 | ankush.+ | 20  | 0   | 391828  | 42152  | 26416  | S | 0.3  | 0.3  | 0:03.14 | seahorse                    |
| 18509 | ankush.+ | 20  | 0   | 11992   | 2120   | 1408   | S | 0.3  | 0.0  | 0:07.99 | memfd:runtime               |
| 33910 | root     | 20  | 0   | 0       | 0      | 0      | I | 0.3  | 0.0  | 0:01.63 | kworker/7:0-events          |
| 34587 | ankush.+ | 20  | 0   | 3189808 | 60096  | 43136  | S | 0.3  | 0.4  | 0:14.62 | gjs                         |
| 63304 | ankush.+ | 20  | 0   | 1392.3g | 248012 | 135456 | S | 0.3  | 1.5  | 0:20.69 | msedge                      |
| 90666 | ankush.+ | 20  | 0   | 22908   | 4864   | 3712   | R | 0.3  | 0.0  | 0:00.08 | top                         |
| 1     | root     | 20  | 0   | 167128  | 11884  | 8172   | S | 0.0  | 0.1  | 0:05.05 | systemd                     |
| 2     | root     | 20  | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.00 | kthreadd                    |
| 3     | root     | 20  | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.00 | pool_workqueue_release      |
| 4     | root     | 0   | -20 | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:00.00 | kworker/R-rcu_g             |
| 5     | root     | 0   | -20 | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:00.00 | kworker/R-rcu_p             |
| 6     | root     | 0   | -20 | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:00.00 | kworker/R-slub              |
| 7     | root     | 0   | -20 | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:00.00 | kworker/R-netns             |
| 10    | root     | 0   | -20 | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:00.00 | kworker/0:0H-events_highpri |
| 12    | root     | 0   | -20 | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:00.00 | kworker/R-mm_pe             |
| 13    | root     | 20  | 0   | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:00.00 | rcu_tasks_kthread           |
| 14    | root     | 20  | 0   | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:00.00 | rcu_tasks_rude_kthread      |
| 15    | root     | 20  | 0   | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:00.00 | rcu_tasks_trace_kthread     |
| 16    | root     | 20  | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.33 | ksoftirqd/0                 |
| 17    | root     | 20  | 0   | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:18.72 | rcu_preempt                 |
| 18    | root     | rt  | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.04 | migration/0                 |
| 19    | root     | -51 | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.00 | idle_inject/0               |
| 20    | root     | 20  | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.00 | cpuhp/0                     |
| 21    | root     | 20  | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.00 | cpuhp/1                     |
| 22    | root     | -51 | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.00 | idle_inject/1               |
| 23    | root     | rt  | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.22 | migration/1                 |
| 24    | root     | 20  | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.21 | ksoftirqd/1                 |
| 26    | root     | 0   | -20 | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:00.00 | kworker/1:0H-events_highpri |
| 27    | root     | 20  | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.00 | cpuhp/2                     |
| 28    | root     | -51 | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.00 | idle_inject/2               |
| 29    | root     | rt  | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.22 | migration/2                 |
| 30    | root     | 20  | 0   | 0       | 0      | 0      | S | 0.0  | 0.0  | 0:00.38 | ksoftirqd/2                 |
| 32    | root     | 0   | -20 | 0       | 0      | 0      | I | 0.0  | 0.0  | 0:00.00 | kworker/2:0H-events_highpri |

# Linux Assignment

## Commad Practice

### 4.Find particular process by it's name

```
$ ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/practice$ pgrep bash  
29653  
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop/practice$ █
```

### 5. How to kill any particular process

Command: `kill process_id`

forcefully: `kill -9 process_id`

```
ankush.dubey@simform.dom@sf-cpu-551:~$ vi  
ankush.dubey@simform.dom@sf-cpu-551:~$ ps  
    PID TTY          TIME CMD  
 76438 pts/0    00:00:00 bash  
 76565 pts/0    00:00:00 ps  
ankush.dubey@simform.dom@sf-cpu-551:~$ kill -9 75565  
bash: kill: (75565) - No such process  
ankush.dubey@simform.dom@sf-cpu-551:~$ kill -9 76438█
```

# Linux Assignment

## Commad Practice

### 6. Vi or Vim for file editing

**Vi file\_name → For creating a file**

**i→ insert text**

**dd-delete texts**

**yy-copy**

**:wq → save and exit**

**:q! → exit without save**

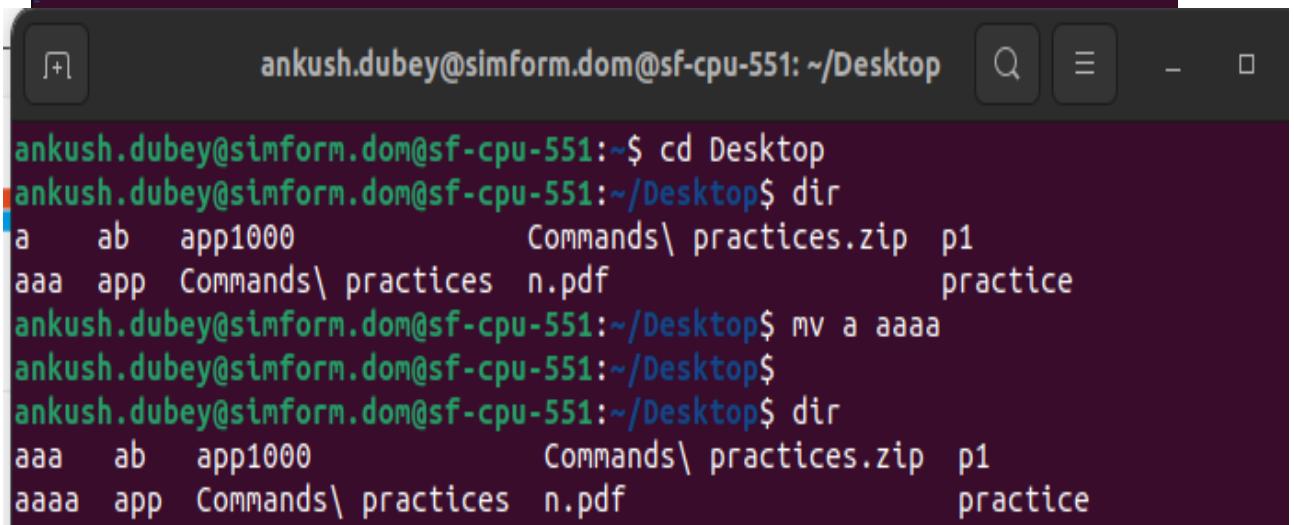
**/ → search**

**:q → quit**

**%s/replacer/replacing/y → for substitue**

```
ankush.dubey@simform.dom@sf-cpu-551:~$ vi testfile
ankush.dubey@simform.dom@sf-cpu-551:~$ cat testfile
htttt
htttt
htttt
htttt
hto
hto
hto
very goodmorning
Very goodmorning
:set number
ankush.dubey@simform.dom@sf-cpu-551:~$
```

7 .



A screenshot of a terminal window titled "ankush.dubey@simform.dom@sf-cpu-551: ~/Desktop". The terminal shows the following command-line session:

```
ankush.dubey@simform.dom@sf-cpu-551:~$ cd Desktop
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ dir
a ab app1000 Commands\ practices.zip p1
aaa app Commands\ practices n.pdf practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ mv a aaaa
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ 
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ dir
aaa ab app1000 Commands\ practices.zip p1
aaaa app Commands\ practices n.pdf practice
```

Moving and Renaming Files

**command- mv file1 file2**

# **Linux Assignment**

## **Commad Practice**

# Linux Assignment

## Commad Practice

### 8. Remove Files and Directories

command:- rm file\_name(remove file)

rm -r dir\_name(remove dir)  
rm -f file\_name(remove file)

```
ties                                         Jan 21 14:49
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ rm p2
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ dir
app app1000 p3 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ ls -l
total 12
-rw-r--r-- 1 ankush.dubey@simform.dom domain users@simform.dom 68 Jan 21 14:19 app
-rw-r--r-- 1 ankush.dubey@simform.dom domain users@simform.dom 39 Jan 21 14:06 app1000
-rw-r--r-- 1 ankush.dubey@simform.dom domain users@simform.dom 0 Jan 21 12:10 p3
drwxr-xr-x 2 ankush.dubey@simform.dom domain users@simform.dom 4096 Jan 21 11:44 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ ls
app app1000 p3 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ touch p1
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ ls
app app1000 p1 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cd..
cd..: command not found
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cd ..
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ cd Downloads
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ rm -r aaaa
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ ls
Employee_Acknowledgment_Summary_and_Consent.pdf 'Homebrew-brew-5.0.11-8-g8582f2a (1).tar.gz' Homebrew-brew-5.0.11-8-g8582f2a.tar.gz 'The Linux Command Line.pdf'
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ ls
Employee_Acknowledgment_Summary_and_Consent.pdf 'Homebrew-brew-5.0.11-8-g8582f2a (1).tar.gz' Homebrew-brew-5.0.11-8-g8582f2a.tar.gz sdfs 'The Linux Command Line.pdf'
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$
```

# Linux Assignment

## Commad Practice

### 9. List the directory contents

command:- dir

```
ties                                         Jan 21 14:49
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ rm p2
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ dir
app app1000 p3 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ ls -l
total 12
-rw-r--r-- 1 ankush.dubey@simform.dom domain users@simform.dom 68 Jan 21 14:19 app
-rw-r--r-- 1 ankush.dubey@simform.dom domain users@simform.dom 39 Jan 21 14:06 app1000
-rw-r--r-- 1 ankush.dubey@simform.dom domain users@simform.dom 0 Jan 21 12:10 p3
drwxr-xr-x 2 ankush.dubey@simform.dom domain users@simform.dom 4096 Jan 21 11:44 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ ls
app app1000 p3 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ touch p1
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ ls
app app1000 p1 p3 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ rm -r p3
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ dir
app app1000 p1 practice
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cd..
cd..: command not found
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cd .
ankush.dubey@simform.dom@sf-cpu-551:~/Desktop$ cd Downloads
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ rm -r aaaa
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ ls
Employee_Acknowledgment_Summary_and_Consent.pdf 'Homebrew-brew-5.0.11-8-g8582f2a (1).tar.gz' Homebrew-brew-5.0.11-8-g8582f2a.tar.gz 'The Linux Command Line.pdf'
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$ ls
Employee_Acknowledgment_Summary_and_Consent.pdf 'Homebrew-brew-5.0.11-8-g8582f2a (1).tar.gz' Homebrew-brew-5.0.11-8-g8582f2a.tar.gz sdsf 'The Linux Command Line.pdf'
ankush.dubey@simform.dom@sf-cpu-551:~/Downloads$
```

# **Linux Assignment**

## **Commad Practice**

**10.**How I can get the path of working directory.

**Command:** `pwd`(provides path of working directory)

```
ankush.dubey@sinform.dom:~$ pwd  
/home/ankush.dubey@sinform.dom/Downloads  
ankush.dubey@sinform.dom:~$
```

# **Linux Assignment**

## **Commad Practice**

### **11.How to Search in Vim/Vi**

**command: /**

A screenshot of a terminal window with a dark background and light-colored text. The text shows a search operation in progress. At the top, there are several lines of text: "hii", "hii", "hii", "hii", "hlo", "hlo", "Very goodmorning", "very goodmorning", and "nkset number". Below this, there are approximately 30 lines of the character "~". At the bottom of the window, the text "search hit BOTTOM, continuing at TOP" is visible.

### **12.How Do You Do A Search And Replace in Vim/Vi**

Command : - %s/replacer/replacement/y

# **Linux Assignment**

## **Commad Practice**

```
hill  
hill  
hill  
hill  
hlo  
hlo  
very goodmorning  
Very goodmorning  
:set number
```

```
:%s/good /very good/g
```

# **Linux Assignment**

## **Commad Practice**

### **13.How we can save and exit from Vim/Vi file.**

**Command:- :wq-Save and exit**

**:q-exit**

:q! Exit without save

```
hill  
hill  
hill  
hill  
hlo  
hlo  
very goodmorning  
very goodmorning  
:set number
```

# Linux Assignment

## Commad Practice

### 14. Change file owner and group.

Command: sudo useadd username

sudo chown name file\_name

sudo groupadd group\_name

sudo chown :mygroup file\_name

```
chown: invalid user: 'a'  
labex:project/ $ sudo chown ank a  
labex:project/ $ dir  
a aa  
labex:project/ $ who am i  
labex:project/ $  
labex:project/ $ whoami  
labex  
labex:project/ $ mkdir h  
labex:project/ $ cd h  
labex:h/ $ cd ..  
labex:project/ $ chown ank h  
chown: changing ownership of 'h': Operation not permitted  
labex:project/ $ sudo chown ank h  
labex:project/ $ dir  
a aa h  
labex:project/ $ ls -l a  
-rw-rw-r-- 1 ank labex 0 Jan 22 16:58 a  
labex:project/ $ ls -l h  
total 0  
labex:project/ $ ls -l aa  
-rw-rw-r-- 1 labex labex 0 Jan 22 17:12 aa  
labex:project/ $
```

```
labex:project/ $ ls -l a  
-rw-rw-r-- 1 ank labex 0 Jan 22 16:58 a  
labex:project/ $ ls -l h  
total 0  
labex:project/ $ ls -l aa  
-rw-rw-r-- 1 labex labex 0 Jan 22 17:12 aa  
labex:project/ $ sudo chown :mygroup a  
labex:project/ $ ls -l a  
-rw-rw-r-- 1 ank mygroup 0 Jan 22 16:58 a  
labex:project/ $
```

# Linux Assignment

## Commad Practice

### 15. Change group ownership

command:- chgrp groupname file\_name

```
rw-rw-r-- 1 labex labex 0 Jan 22 17:12 aa
labex:project/ $ sudo chown :mygroup a
labex:project/ $ ls -l a
-rw-rw-r-- 1 ank mygroup 0 Jan 22 16:58 a
labex:project/ $ sudo chgrp aa
chgrp: missing operand after 'aa'
Try 'chgrp --help' for more information.
labex:project/ $ chgrp sudo aa
labex:project/ $ ls -l aa
-rw-rw-r-- 1 labex sudo 0 Jan 22 17:12 aa
labex:project/ $ ls -l h
```