

whoami :- My login

```
-sh-4.2$ whoami  
pravallika13
```

hostname :- name of this computer

```
-sh-4.2$ hostname  
139-162-5-218
```

echo "Hello World" :- print characters to screen

```
-sh-4.2$ echo "Hello World"  
Hello World
```

echo \$HOME :- print environment variable

```
-sh-4.2$ echo $HOME  
/home/pravallika13
```

echo my login is \$(whoami) :- replace \$(xx) with program output

```
-sh-4.2$ echo my login is $(whoami)  
my login is pravallika13
```

date :- print current date and time

```
-sh-4.2$ date  
Thu Nov 14 11:56:34 UTC 2024
```

cal :- print this months calendar

```
-sh-4.2$ cal  
November 2024  
Su Mo Tu We Th Fr Sa  
          1  2  
 3  4  5  6  7  8  9  
10 11 12 13 14 15 16  
17 18 19 20 21 22 23  
24 25 26 27 28 29 30
```

shazam :- bad command

```
-sh-4.2$ shazam
-sh: shazam: command not found
```

touch :- creating new file

cat :- display files

```
-sh-4.2$ touch details.txt
-sh-4.2$ cat >details.txt
1. Pravallika 8758364587 kkd
2. Varshika 9734837574 ptp
3. Jahnavi 9374637837 rjy
4. Sri Devi 9237486376 ptp
5. Likhita 9032784868 ptp
```

awk :- pattern scanning and processing language

AWK is named after its creators: Aho, Weinberger, and Kernighan

```
-sh-4.2$ awk '/Pravallika/{print}' file.txt
1. Pravallika kkd
```

cut :- extract selected fields of each line of a file

```
-sh-4.2$ cut -b 1,2,3,4 details.txt
1. P
2. V
3. J
4. S
5. L
```

diff :- compare two files

```
-sh-4.2$ diff file.txt details.txt
1,2c1,5
< 1. Pravallika kkd
< 2. Varshika ptp
---
> 1. Pravallika 8758364587 kkd
> 2. Varshika 9734837574 ptp
> 3. Jahnavi 9374637837 rjy
> 4. Sri Devi 9237486376 ptp
> 5. Likhita 9032784868 ptp
```

grep :- search text for a pattern

```
-sh-4.2$ grep Pra details.txt
1. Pravallika 8758364587 kkd
```

head :- display the first part of files

```
-sh-4.2$ head -2 details.txt
1. Pravallika 8758364587 kkd
2. Varshika 9734837574 ptp
```

less :- display files on a page-by-page basis

sed :- stream editor (esp search and replace)

```
-sh-4.2$ sed 's/Pravallika/Pravalli/' details.txt
1. Pravalli 8758364587 kkd
2. Varshika 9734837574 ptp
3. Jahnavi 9374637837 rjy
4. Sri Devi 9237486376 ptp
5. Likhita 9032784868 ptp
```

sort :- sort text files

```
-sh-4.2$ sort details.txt
1. Pravallika 8758364587 kkd
2. Varshika 9734837574 ptp
3. Jahnavi 9374637837 rjy
4. Sri Devi 9237486376 ptp
5. Likhita 9032784868 ptp
```

split :- split files

```
-sh-4.2$ split -l 1 details.txt
-sh-4.2$ ls
details.txt  file1.txt  file.txt  new.txt  xaa  xab  xac  xad  xae

-sh-4.2$ cat xaa
1. Pravallika 8758364587 kkd
-sh-4.2$ cat xab
2. Varshika 9734837574 ptp
-sh-4.2$ cat xac
3. Jahnavi 9374637837 rjy
-sh-4.2$ cat xad
4. Sri Devi 9237486376 ptp
-sh-4.2$ cat xae
5. Likhita 9032784868 ptp
```

tail :- display the last part of a file

```
-sh-4.2$ tail -2 details.txt
4. Sri Devi 9237486376 ptp
5. Likhita 9032784868 ptp
```

tr :- translate/delete characters

```
-sh-4.2$ cat details.txt | tr 'a-z' 'A-Z'
1. PRAVALLIKA 8758364587 KKD
2. VARSHIKA 9734837574 PTP
3. JAHNAVI 9374637837 RJY
4. SRI DEVI 9237486376 PTP
5. LIKHITA 9032784868 PTP
-sh-4.2$ cat details.txt | tr -d i
1. Pravallka 8758364587 kkd
2. Varshka 9734837574 ptp
3. Jahnav 9374637837 rjy
4. Sr Dev 9237486376 ptp
5. Lkhta 9032784868 ptp
```

uniq :- filter out repeated lines in a file

```
-sh-4.2$ cat >file2.txt
i love music
I LOVE MUSIC
I LOVE MUSIC
-sh-4.2$ uniq file2.txt
i love music
I LOVE MUSIC
```

wc :- line, word and character count

```
-sh-4.2$ wc details.txt
 5  21 135 details.txt
```

remove :

```
-sh-4.2$ rm file2.txt
-sh-4.2$ ls
details.txt  file1.txt  file.txt  new.txt  xaa  xab  xac  xad  xae
```

Copy:

```
-sh-4.2$ cp file.txt details.txt
-sh-4.2$ ls
details.txt  file1.txt  file.txt  xaa  xab  xac  xad  xae
```

Moving file from one directory to another :

```
-sh-4.2$ mkdir Pravallika
-sh-4.2$ mv /home/pravallika13/file.txt Pravallika
-sh-4.2$ ls
details.txt  file1.txt  Pravallika  xaa  xab  xac  xad  xae
-sh-4.2$ cd Pravallika
-sh-4.2$ ls
file.txt
```