```
        inet 127.0.0.1/8 scope host lo
           valid_lft forever preferred_lft forever
        inet6 ::1/128 scope host
           valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
        link/ether 00:15:5d:09:cd:7b brd ff:ff:ff:ff:ff:ff
        inet 192.168.19.155/20 brd 192.168.31.255 scope global eth0
           valid_lft forever preferred_lft forever
        inet6 fe80::215:5dff:fe09:cd7b/64 scope link
           valid_lft forever preferred_lft forever
cdac@DESKTOP-7R4VJ90:~$ zip -r docs.zip docs
Command 'zip' not found, but can be installed with:
sudo apt install zip
cdac@DESKTOP-7R4VJ90:~$ nano file1.txt
cdac@DESKTOP-7R4VJ90:~$ sed -i 's/oldword/newword/g' file1.txt
sed: can't read file1.txt: No such file or directory
cdac@DESKTOP-7R4VJ90:~$ nano file.txt
cdac@DESKTOP-7R4VJ90:~$ sed -i "MITALI MORE" file.txt
sed: -e expression #1, char 1: unknown command: `M'
cdac@DESKTOP-7R4VJ90:~$ sed -i MITALI MORE file.txt
sed: -e expression #1, char 1: unknown command: `M'
cdac@DESKTOP-7R4VJ90:~$ nano file.txt
cdac@DESKTOP-7R4VJ90:~$ touch data.txt
cdac@DESKTOP-7R4VJ90:~$ nano data.txt
cdac@DESKTOP-7R4VJ90:~$ head -n 10 data.txt
mitali dhondiba more
cdac@DESKTOP-7R4VJ90:~$ tail -n 5 data.txt
mitali dhondiba more
cdac@DESKTOP-7R4VJ90:~$ touch numbers.txt
cdac@DESKTOP-7R4VJ90:~$ nano numbers.txt
cdac@DESKTOP-7R4VJ90:~$ tail -n 3 numbers.txt
8765432198642123675478998765
cdac@DESKTOP-7R4VJ90:~$ _
```

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

cdac@DESKTOP-7R4VJ90:~$ find . -type f -name "*.txt"
./fruit.txt
./input.txt
./data.txt
./duplicate.txt
./filename.txt
./LinuxAssignment/docs/file2.txt
./LinuxAssignment/file2.txt
./LinuxAssignment/file.txt
./LinuxAssignment/file1.txt
./numbers.txt
./output.txt
cdac@DESKTOP-7R4VJ90:~$ grep "mitali"output.txt

grep "example" document.txt
grep "example" document.txt

```
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

cdac@DESKTOP-7R4VJ9O:~$ cd ~
cdac@DESKTOP-7R4VJ9O:~$ ls
Assignment  File              assignment    directoryname  filename.txt  input.txt  notepad       output.txt
Cdac        Linuxassignment   data.txt      duplicate.txt  fruit.txt     mitali     numbers.txt
cdac@DESKTOP-7R4VJ9O:~$ cd LinuxAssignment
-bash: cd: LinuxAssignment: No such file or directory
cdac@DESKTOP-7R4VJ9O:~$ mkdir LinuxAssignment
cd LinuxAssigncdac@DESKTOP-7R4VJ9O:~$ cd LinuxAssignment
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ touch file.txt
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ cd ~/LinuxAssignment
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ mkdir docs
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ cp file1.txt docs/file2.txt
cp: cannot stat 'file1.txt': No such file or directory
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ touch file.txt
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ touch file.txt
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ cp file1.txt docs/file2.txt
cp: cannot stat 'file1.txt': No such file or directory
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ touch file1.txt
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ touch file2.txt
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ cp file1.txt docs/file2.txt
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ chmod 744 docs/file2.txt
cdac@DESKTOP-7R4VJ9O:~/LinuxAssignment$ sudo chown $(whoami) docs/file2.txt
[sudo] password for cdac:
Sorry, try again.
[sudo] password for cdac:
sure that all operations were performed correctly. Sorry, try again.
[sudo] password for cdac:
```

```
cdac@DESKTOP-7R4VJ9O:~$ nano file1.txt
cdac@DESKTOP-7R4VJ9O:~$ sed -i 's/oldword/newword/g' file1.txt
sed: can't read file1.txt: No such file or directory
cdac@DESKTOP-7R4VJ9O:~$ nano file.txt
cdac@DESKTOP-7R4VJ9O:~$ sed -i "MITALI MORE" file.txt
sed: -e expression #1, char 1: unknown command: `M'
cdac@DESKTOP-7R4VJ9O:~$ sed -i MITALI MORE file.txt
sed: -e expression #1, char 1: unknown command: `M'
cdac@DESKTOP-7R4VJ9O:~$ nano file.txt
cdac@DESKTOP-7R4VJ9O:~$ touch data.txt
cdac@DESKTOP-7R4VJ9O:~$ nano data.txt
cdac@DESKTOP-7R4VJ9O:~$ head -n 10 data.txt
mitali dhondiba more
cdac@DESKTOP-7R4VJ9O:~$ tail -n 5 data.txt
mitali dhondiba more
cdac@DESKTOP-7R4VJ9O:~$ touch numbers.txt
cdac@DESKTOP-7R4VJ9O:~$ nano numbers.txt
cdac@DESKTOP-7R4VJ9O:~$ tail -n 3 numbers.txt
8765432198642123675478987654
cdac@DESKTOP-7R4VJ9O:~$ nano input.txt
cdac@DESKTOP-7R4VJ9O:~$ nano output.txt
cdac@DESKTOP-7R4VJ9O:~$ awk '{ print toupper($0) }' input.txt > output.txt
cdac@DESKTOP-7R4VJ9O:~$ awk '{ print toupper($0) }' input.txt > output.txt
cdac@DESKTOP-7R4VJ9O:~$ nano input.txt
cdac@DESKTOP-7R4VJ9O:~$ nano input.txt
cdac@DESKTOP-7R4VJ9O:~$ touch input.txt
cdac@DESKTOP-7R4VJ9O:~$ touch output.txt
cdac@DESKTOP-7R4VJ9O:~$ awk '{ print toupper($0) }' input.txt > output.txt
cdac@DESKTOP-7R4VJ9O:~$ nano duplicate.txt
cdac@DESKTOP-7R4VJ9O:~$ uniq duplicate.txt
arnav more arnav more more
cdac@DESKTOP-7R4VJ9O:~$ sort duplicate.txt | uniq
arnav more arnav more more
cdac@DESKTOP-7R4VJ9O:~$ nano fruit.txt
cdac@DESKTOP-7R4VJ9O:~$ sort fruit.txt | uniq -c
      1 mango banana apple mango  fig jackfruit peach apple
cdac@DESKTOP-7R4VJ9O:~$ _
```