

LINUX COMMANDS EXAMPLES-2

```
mahipal@mahipal:~$ ifconfig
```

```
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
```

```
inet 192.168.56.102 netmask 255.255.255.0 broadcast 192.1
```

```
inet6 fe80::a00:27ff:fe6f:4261 prefixlen 64 scopeid 0x20<
```

```
ether 08:00:27:6f:42:61 txqueuelen 1000 (Ethernet)
```

```
RX packets 838 bytes 108119 (108.1 KB)
```

```
RX errors 0 dropped 0 overruns 0 frame 0
```

```
TX packets 646 bytes 94224 (94.2 KB)
```

```
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
```

```
inet 127.0.0.1 netmask 255.0.0.0
```

```
inet6 ::1 prefixlen 128 scopeid 0x10<host>
```

```
loop txqueuelen 1000 (Local Loopback)
```

```
RX packets 76256 bytes 5419696 (5.4 MB)
```

```
RX errors 0 dropped 0 overruns 0 frame 0
```

```
TX packets 76256 bytes 5419696 (5.4 MB)
```

```
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
mahipal@mahipal:~$ pwd
```

```
/home/mahipal
```

```
mahipal@mahipal:~$ vi test.txt
```

```
mahipal@mahipal:~$
```

```
mahipal@mahipal:~$ vi test.txt
```

```
mahipal@mahipal:~$ ls
```

```
test.txt
```

```
mahipal@mahipal:~$  
mahipal@mahipal:~$ touch file.txt  
mahipal@mahipal:~$ ls  
file.txt test.txt  
mahipal@mahipal:~$ file ^C  
mahipal@mahipal:~$ file file.txt  
file.txt: empty  
mahipal@mahipal:~$ touch file1.txt file2.txt file3.txt  
mahipal@mahipal:~$  
mahipal@mahipal:~$ ls  
file1.txt file2.txt file3.txt file.txt test.txt  
mahipal@mahipal:~$ ls  
EOF file1.txt file2.txt file3.txt file.txt test.txt  
mahipal@mahipal:~$  
mahipal@mahipal:~$ ls  
EOF file1.txt file2.txt file3.txt file.txt test.txt  
mahipal@mahipal:~$  
mahipal@mahipal:~$ echo "hello">new.txt  
mahipal@mahipal:~$  
mahipal@mahipal:~$  
mahipal@mahipal:~$  
mahipal@mahipal:~$ ls  
EOF file1.txt file2.txt file3.txt file.txt new.txt test.txt  
mahipal@mahipal:~$ cat new.txt  
hello  
mahipal@mahipal:~$ print "hi">new2.txt
```

Command 'print' not found, but can be installed with:

```
sudo apt install mailcap
mahipal@mahipal:~$
mahipal@mahipal:~$ printf "hi">new2.txt
mahipal@mahipal:~$ ls
EOF    file2.txt file.txt new.txt
file1.txt file3.txt new2.txt test.txt
mahipal@mahipal:~$
mahipal@mahipal:~$ cat new2.txt
himahipal@mahipal:~$
mahipal@mahipal:~$ vim test.txt
mahipal@mahipal:~$
mahipal@mahipal:~$ ls
EOF    file2.txt file.txt new.txt
file1.txt file3.txt new2.txt test.txt
mahipal@mahipal:~$
mahipal@mahipal:~$
mahipal@mahipal:~$ file file.txt
file.txt: empty
mahipal@mahipal:~$
mahipal@mahipal:~$
mahipal@mahipal:~$ cat ^C
mahipal@mahipal:~$ cat file.txt
mahipal@mahipal:~$
mahipal@mahipal:~$ file new2.txt
new2.txt: ASCII text, with no line terminators
mahipal@mahipal:~$
mahipal@mahipal:~$ file -s new2.txt
```

new2.txt: ASCII text, with no line terminators

mahipal@mahipal:~\$

mahipal@mahipal:~\$ file *

EOF: ASCII text, with escape sequences

file1.txt: empty

file2.txt: empty

file3.txt: empty

file.txt: empty

new2.txt: ASCII text, with no line terminators

new.txt: ASCII text

test.txt: ASCII text

mahipal@mahipal:~\$ ls

EOF file2.txt file.txt new.txt

file1.txt file3.txt new2.txt test.txt

mahipal@mahipal:~\$

mahipal@mahipal:~\$

mahipal@mahipal:~\$

mahipal@mahipal:~\$ file *

EOF: ASCII text, with escape sequences

file1.txt: empty

file2.txt: empty

file3.txt: empty

file.txt: empty

new2.txt: ASCII text, with no line terminators

new.txt: ASCII text

test.txt: ASCII text

mahipal@mahipal:~\$ pwd

/home/mahipal

mahipal@mahipal:~\$ ls

EOF file2.txt file.txt new.txt

file1.txt file3.txt new2.txt test.txt

file1.txt: empty

file2.txt: empty

file3.txt: empty

file.txt: empty

mahipal@mahipal:~\$

mahipal@mahipal:~\$

mahipal@mahipal:~\$ file n*

new2.txt: ASCII text, with no line terminators

new.txt: ASCII text

mahipal@mahipal:~\$

mahipal@mahipal:~\$ ls

EOF file2.txt file.txt new.txt

file1.txt file3.txt new2.txt test.txt

mahipal@mahipal:~\$

mahipal@mahipal:~\$ pwd

/home/mahipal

mahipal@mahipal:~\$ file /home/

/home/: directory

mahipal@mahipal:~\$

mahipal@mahipal:~\$

mahipal@mahipal:~\$ file name/*

name/*: cannot open `name/*' (No such file or directory)

mahipal@mahipal:~\$

```
mahipal@mahipal:~$
```

```
mahipal@mahipal:~$
```

```
mahipal@mahipal:~$ locate f*
```

Command 'locate' not found, but can be installed with:

```
sudo apt install plocate
```

```
mahipal@mahipal:~$
```

```
mahipal@mahipal:~$
```

```
mahipal@mahipal:~$
```

```
mahipal@mahipal:~$ sudo apt install plocate
```

```
mahipal@mahipal:~$
```

```
mahipal@mahipal:~$
```

```
mahipal@mahipal:~$ locate f*
```

Command 'locate' not found, but can be installed with:

```
sudo apt install plocate
```

```
mahipal@mahipal:~$ sudo apt install plocate
```

```
mahipal@mahipal:~$
```

```
mahipal@mahipal:~$ pwd
```

```
/home/mahipal
```

```
mahipal@mahipal:~$
```

```
mahipal@mahipal:~$ ls
```

```
EOF    file2.txt file.txt new.txt
```

```
file1.txt file3.txt new2.txt test.txt
```

```
mahipal@mahipal:~$ cat file2.txt
```

```
mahipal@mahipal:~$ cat file.txt
```

```
mahipal@mahipal:~$
```

```
mahipal@mahipal:~$ cat new.txt
```

```
hello
```

mahipal@mahipal:~\$
mahipal@mahipal:~\$
mahipal@mahipal:~\$ vi yy.txt
mahipal@mahipal:~\$
mahipal@mahipal:~\$ cat yy.txt
skfhskdfjkds
dfskjsdhfkdsj
dsfkjdshfk
mahipal@mahipal:~\$ tac yy.txt
dsfkjdshfk
dfskjsdhfkdsj
skfhskdfjkds
mahipal@mahipal:~\$
mahipal@mahipal:~\$ more yy.txt
skfhskdfjkds
dfskjsdhfkdsj
dsfkjdshfk
mahipal@mahipal:~\$
mahipal@mahipal:~\$
mahipal@mahipal:~\$
mahipal@mahipal:~\$ vi yy.txt
mahipal@mahipal:~\$
mahipal@mahipal:~\$
mahipal@mahipal:~\$ more yy.txt
skfhskdfjkds
dfskjsdhfkdsj
dsfkjdshfk

dfllkgjdfkljg4

gdflkg;ldf

4gfdlkgldf;

gfdkljglkdfg

gfdkjgkdfjg

fdgkdfkgjfd

dfllkjdfll

dfgfd;gkdf

fd

gkdf;kg;dlfg

dfgjldfkjgdf

fdlfdjgolf

mahipal@mahipal:~\$ more yy.txt

skfhskfjkds

dfskjsdhfkdsj

dsfkjdshfk

dfllkgjdfkljg4

gdflkg;ldf

4gfdlkgldf;

gfdkljglkdfg

gfdkjgkdfjg

fdgkdfkgjfd

dflgkjdfi

dfgfd;gkdf

fd

gkdf;kg;dlfg

dfgjldfkjgdf

fdlfdjgolf

mahipal@mahipal:~\$ less yy.txt

mahipal@mahipal:~\$

mahipal@mahipal:~\$ vi yy.txt

mahipal@mahipal:~\$

mahipal@mahipal:~\$ df -lh

Filesystem	Size	Used	Avail	Use%	Mounted on
tmpfs	299M	1.1M	298M	1%	/run
/dev/mapper/ubuntu--vg-ubuntu--lv	74G	5.7G	64G	9%	/
tmpfs	1.5G	0	1.5G	0%	/dev/shm
tmpfs	5.0M	0	5.0M	0%	/run/lock
/dev/sda2	2.0G	125M	1.7G	7%	/boot
tmpfs	299M	4.0K	299M	1%	/run/user/0

tmpfs 299M 4.0K 299M 1% /run/user/1000

mahipal@mahipal:~\$ cd ~

mahipal@mahipal:~\$ pwd

/home/mahipal