

```
cdac@LAPTOP-LJVRK78I:~$ mkdir LinuxAssignment
cdac@LAPTOP-LJVRK78I:~$ ls
LinuxAssignment
cdac@LAPTOP-LJVRK78I:~$ touch file1.txt
cdac@LAPTOP-LJVRK78I:~$ ls
LinuxAssignment  file1.txt
cdac@LAPTOP-LJVRK78I:~$ nano file.txt
cdac@LAPTOP-LJVRK78I:~$ nano file.txt
cdac@LAPTOP-LJVRK78I:~$ cat file.txt
hello

cdac@LAPTOP-LJVRK78I:~$ mkdir docs
cdac@LAPTOP-LJVRK78I:~$ ls
LinuxAssignment  docs  file.txt  file1.txt
cdac@LAPTOP-LJVRK78I:~$ mv file1.txt docs/
cdac@LAPTOP-LJVRK78I:~$ ls
LinuxAssignment  docs  file.txt
cdac@LAPTOP-LJVRK78I:~$ cd docs/
cdac@LAPTOP-LJVRK78I:~/docs$ ls
file1.txt
cdac@LAPTOP-LJVRK78I:~/docs$ mv file1.txt file2.txt
cdac@LAPTOP-LJVRK78I:~/docs$ ls
file2.txt
cdac@LAPTOP-LJVRK78I:~/docs$ chmod 700 file2.txt
cdac@LAPTOP-LJVRK78I:~/docs$ ls -l
total 0
-rwx----- 1 cdac cdac 0 Feb 27 20:39 file2.txt
cdac@LAPTOP-LJVRK78I:~/docs$ find -name ".txt"
cdac@LAPTOP-LJVRK78I:~/docs$ ls
file2.txt
cdac@LAPTOP-LJVRK78I:~/docs$ find . -type f -name "*.txt"
./file2.txt
cdac@LAPTOP-LJVRK78I:~/docs$ man find
cdac@LAPTOP-LJVRK78I:~/docs$ date
Thu Feb 27 21:11:39 IST 2025
cdac@LAPTOP-LJVRK78I:~/docs$ ipconfig.exe
```

Windows IP Configuration

Windows IP Configuration

Unknown adapter Local Area Connection:

Media State : Media disconnected
Connection-specific DNS Suffix . :

Wireless LAN adapter Local Area Connection* 1:

Media State : Media disconnected
Connection-specific DNS Suffix . :

Wireless LAN adapter Local Area Connection* 2:

Media State : Media disconnected
Connection-specific DNS Suffix . :

Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . :
Link-local IPv6 Address : fe80::48d3:3402:6cd7:cf8d%8
IPv4 Address. : 192.168.1.34
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.1.1

Ethernet adapter Bluetooth Network Connection:

Media State : Media disconnected
Connection-specific DNS Suffix . :

Ethernet adapter Ethernet:

Media State : Media disconnected
Connection-specific DNS Suffix . :

Ethernet adapter vEthernet (WSL (Hyper-V firewall)):

Connection-specific DNS Suffix . :
Link-local IPv6 Address : fe80::c558:f259:e699:bca4%52

```
cdac@LAPTOP-LJVRK78I:~/docs$ nano file2.txt
cdac@LAPTOP-LJVRK78I:~/docs$ cat file2.txt
hey linux

cdac@LAPTOP-LJVRK78I:~/docs$ nano file2.txt
cdac@LAPTOP-LJVRK78I:~/docs$ man head
cdac@LAPTOP-LJVRK78I:~/docs$ head -n 10 file2.txt
hey linux
abc
asd
qwe
asd
rte
qsd
zx
qd
da
cdac@LAPTOP-LJVRK78I:~/docs$ tail -n 5 file2.txt
da
erf
des

cdac@LAPTOP-LJVRK78I:~/docs$ touch numbers.txt
cdac@LAPTOP-LJVRK78I:~/docs$ nano numbers.txt
cdac@LAPTOP-LJVRK78I:~/docs$ head -n 10 file2.txt
hey linux
abc
asd
qwe
asd
rte
qsd
zx
qd
da
cdac@LAPTOP-LJVRK78I:~/docs$ tail -n 3 file2.txt
des
```

```
cdac@LAPTOP-LJVRK78I:~/docs$ tr '[:lower:]' '[:upper:]' < file2.txt > output.txt
cdac@LAPTOP-LJVRK78I:~/docs$ cat output.txt
HEY LINUX
ABC
ASD
QWE
ASD
RTE
QSD
ZX
QD
DA
ERF
DES

cdac@LAPTOP-LJVRK78I:~/docs$ tail -n 3 file2.txt
des

cdac@LAPTOP-LJVRK78I:~/docs$ nano output.txt
cdac@LAPTOP-LJVRK78I:~/docs$ tail -n 3 output.txt
TYT
ERF
DES
cdac@LAPTOP-LJVRK78I:~/docs$ nono output.txt
Command 'nono' not found, did you mean:
  command 'nodo' from snap nodo (master)
  command 'nano' from snap nano (7.2+pkg-4057)
  command 'nino' from snap nino (1.3.1)
  command 'mono' from deb mono-runtime (6.8.0.105+dfsg-3.2)
  command 'nano' from deb nano (6.2-1ubuntu0.1)
See 'snap info <snapname>' for additional versions.
cdac@LAPTOP-LJVRK78I:~/docs$ nano output.txt
cdac@LAPTOP-LJVRK78I:~/docs$ sort output.txt|uniq>duplicate.txt
cdac@LAPTOP-LJVRK78I:~/docs$ cat duplicate.txt
ABC
ASD
DA
DES
```

```
RTE
TYT
YUT
ZX
cdac@LAPTOP-LJVRK78I:~/docs$ cat output.txt
HEY LINUX
ABC
ABC
ASD
ASD
QWE
QWE
ASD
RTE
QSD
ZX
QD
DA
IUT
YUT
TYT
ERF
DES
cdac@LAPTOP-LJVRK78I:~/docs$ touch fruit.txt
cdac@LAPTOP-LJVRK78I:~/docs$ nano fruit.txt
cdac@LAPTOP-LJVRK78I:~/docs$ cat fruit.txt
Apple
Banana
Cherry
Grapes
Mango
Orange
Pineapple
Strawberry
Watermelon
Peach
cdac@LAPTOP-LJVRK78I:~/docs$ tail -n 3 fruit.txt
Strawberry
Watermelon
Peach
cdac@LAPTOP-LJVRK78I:~/docs$ |
```