

saaurabh@LenovoLegion5: ~/LinuxPractice/AWKcommand

```
(saaurabh@ LenovoLegion5) - [~/LinuxPractice/AWKcommand]
```

```
$ ls
```

file.txt

```
(saaurabh@ LenovoLegion5) - [~/LinuxPractice/AWKcommand]
```

```
$ vi file.txt
```

```
(saaurabh@ LenovoLegion5) - [~/LinuxPractice/AWKcommand]
```

```
$ awk '{print $1}' file.txt
```

Names
Dhoni
Sachin
Virat
ABD
Rohit
Messi
Ronaldo

```
(saaurabh@ LenovoLegion5) - [~/LinuxPractice/AWKcommand]
```

```
$ awk '{print $1, $2}' file.txt
```

Names ContactNumber
Dhoni 7987654356
Sachin 7865467510
Virat 6785678918
ABD 9876543217
Rohit 8976789045
Messi 4567890110
Ronaldo 7777777658

```
(saaurabh@ LenovoLegion5) - [~/LinuxPractice/AWKcommand]
```

```
$ awk '{print NR, $1, $2}' file.txt
```

1 Names ContactNumber
2 Dhoni 7987654356
3 Sachin 7865467510
4 Virat 6785678918
5 ABD 9876543217
6 Rohit 8976789045
7 Messi 4567890110
8 Ronaldo 7777777658

```
(saaurabh@ LenovoLegion5) - [~/LinuxPractice/AWKcommand]
```

```
$
```

24°C
Mostly sunny



Search



saaurabh@LenovoLegion5: ~/LinuxPractice/AWKcommand

(saaurabh@ LenovoLegion5) - [~/LinuxPractice/AWKcommand]

\$ ls

csvFile.txt file.txt

(saaurabh@ LenovoLegion5) - [~/LinuxPractice/AWKcommand]

\$ awk -F , '{print NR, \$1, \$NF}' csvFile.txt

```
1 Names Country
2 Dhoni India
3 Sachin India
4 Virat India
5 ABD SouthAfrica
6 Rohit India
7 Messi Argentina
8 Ronaldo Portugal
```

(saaurabh@ LenovoLegion5) - [~/LinuxPractice/AWKcommand]

\$

```
(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
$ ls -l
```

```
total 16
-rw-r-----+ 1 boss    boss      56 Apr 14 09:43 bossfile.txt
-rw-r--r--   1 saurabh saurabh    0 Apr 14 07:53 file.txt
-rwxr--r--   1 saurabh saurabh   34 Apr 14 09:13 HelloWorld.sh
-rw-r-----  1 root    root     102 Apr 14 09:03 rootfile.txt
drwx--x--x   2 saurabh saurabh 4096 Apr 14 07:54 SecuredFolder
```

```
(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
$ ls -l | awk '{print NR, $1, $NF}'
```

```
1 total 16
2 -rw-r-----+ bossfile.txt
3 -rw-r--r--   file.txt
4 -rwxr--r--   HelloWorld.sh
5 -rw-r-----  rootfile.txt
6 drwx--x--x   SecuredFolder
```

```
(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
$ ls -l | awk '{print NR, $1, $3, $NF}'
```

```
1 total 16
2 -rw-r-----+ boss bossfile.txt
3 -rw-r--r--   saurabh file.txt
4 -rwxr--r--   saurabh HelloWorld.sh
5 -rw-r-----  root rootfile.txt
6 drwx--x--x   saurabh SecuredFolder
```

```
(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
$
```

```
(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
```

```
$ ls -l
```

```
total 16
```

```
-rw-r-----+ 1 boss    boss      56 Apr 14 09:43 bossfile.txt
-rw-r--r--   1 saurabh saurabh   0 Apr 14 07:53 file.txt
-rwxr--r--   1 saurabh saurabh  34 Apr 14 09:13 HelloWorld.sh
-rw-r-----  1 root    root     102 Apr 14 09:03 rootfile.txt
drwx--x--x   2 saurabh saurabh 4096 Apr 14 07:54 SecuredFolder
```

```
(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
```

```
$ ls -l | awk '{print NR, $1, $NF}'
```

```
1 total 16
```

```
2 -rw-r-----+ bossfile.txt
3 -rw-r--r-- file.txt
4 -rwxr--r-- HelloWorld.sh
5 -rw-r----- rootfile.txt
6 drwx--x--x SecuredFolder
```

```
(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
```

```
$ ls -l | awk '{print NR, $1, $3, $NF}'
```

```
1 total 16
```

```
2 -rw-r-----+ boss bossfile.txt
3 -rw-r--r-- saurabh file.txt
4 -rwxr--r-- saurabh HelloWorld.sh
5 -rw-r----- root rootfile.txt
6 drwx--x--x saurabh SecuredFolder
```

```
(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
```

```
$
```

saaurabh@LenovoLegion5: ~/LinuxPractice/AWKcommand

(saaurabh@LenovoLegion5)-[~/LinuxPractice/AWKcommand]

\$ cat data.txt

```
Names Desg Id Salary
Saurabh CEO 01 10000
Shubham Manager 02 8000
Vaibhav Employee 03 7000
Rushikesh Employee 04 6500
Ashish Employee 05 6500
```

(saaurabh@LenovoLegion5)-[~/LinuxPractice/AWKcommand]

\$ awk '{if(\$NF > 7000) print \$0}' data.txt

```
Names Desg Id Salary
Saurabh CEO 01 10000
Shubham Manager 02 8000
```

(saaurabh@LenovoLegion5)-[~/LinuxPractice/AWKcommand]

\$ awk '{if(\$NF == 6500) print NR, \$0}' data.txt

```
5 Rushikesh Employee 04 6500
6 Ashish Employee 05 6500
```

(saaurabh@LenovoLegion5)-[~/LinuxPractice/AWKcommand]

\$ if '{if(\$1 == "Saurabh"){ \$NF = 12000} print \$0}' data.txt

> ^C

(saaurabh@LenovoLegion5)-[~/LinuxPractice/AWKcommand]

\$ awk '{if(\$1 == "Saurabh"){ \$NF = 12000} print \$0}' data.txt

```
Names Desg Id Salary
Saurabh CEO 01 12000
Shubham Manager 02 8000
Vaibhav Employee 03 7000
Rushikesh Employee 04 6500
Ashish Employee 05 6500
```

(saaurabh@LenovoLegion5)-[~/LinuxPractice/AWKcommand]

\$

saurabh@LenovoLegion5: ~/LinuxPractice/sedCommand

(saurabh@LenovoLegion5)~[~/LinuxPractice/sedCommand]

\$ ls

csvFile.txt data.txt file.txt

(saurabh@LenovoLegion5)~[~/LinuxPractice/sedCommand]

\$ cat file.txt

Names ContactNumber

Dhoni 7987654356

Sachin 7865467510

Virat 6785678918

ABD 9876543217

Rohit 8976789045

Messi 4567890110

Ronaldo 7777777658

(saurabh@LenovoLegion5)~[~/LinuxPractice/sedCommand]

\$ sed 's/Dhoni/Mahi/g' file.txt

Names ContactNumber

Mahi 7987654356

Sachin 7865467510

Virat 6785678918

ABD 9876543217

Rohit 8976789045

Messi 4567890110

Ronaldo 7777777658

(saurabh@LenovoLegion5)~[~/LinuxPractice/sedCommand]

\$

29°C
Sunny



Search



ENG
IN



11:07
17-04-2023

saaurabh@LenovoLegion5: ~/LinuxPractice/sedCommand

```
(saaurabh@LenovoLegion5)-[~/LinuxPractice/sedCommand]
```

```
$ ls
```

```
csvFile.txt  data.txt  file.txt
```

```
(saaurabh@LenovoLegion5)-[~/LinuxPractice/sedCommand]
```

```
$ cat file.txt
```

```
Names ContactNumber
```

```
Dhoni 7987654356
```

```
Sachin 7865467510
```

```
Virat 6785678918
```

```
ABD 9876543217
```

```
Rohit 8976789045
```

```
Messi 4567890110
```

```
Ronaldo 7777777658
```

```
(saaurabh@LenovoLegion5)-[~/LinuxPractice/sedCommand]
```

```
$ sed 's/Dhoni/Mahi/g' file.txt
```

```
Names ContactNumber
```

```
Mahi 7987654356
```

```
Sachin 7865467510
```

```
Virat 6785678918
```

```
ABD 9876543217
```

```
Rohit 8976789045
```

```
Messi 4567890110
```

```
Ronaldo 7777777658
```

```
(saaurabh@LenovoLegion5)-[~/LinuxPractice/sedCommand]
```

```
$ sed -n '3p' file.txt
```

```
Sachin 7865467510
```

```
(saaurabh@LenovoLegion5)-[~/LinuxPractice/sedCommand]
```

```
$ sed -n '4p' file.txt
```

```
Virat 6785678918
```

```
(saaurabh@LenovoLegion5)-[~/LinuxPractice/sedCommand]
```

```
(saurabh@LenovoLegion5) - [~/LinuxPractice/sedCommand]
```

```
$ ls
```

```
csvFile.txt  data.txt  file.txt
```

```
(saurabh@LenovoLegion5) - [~/LinuxPractice/sedCommand]
```

```
$ cat csvFile.txt
```

```
Names,ContactNumber,Country
```

```
Dhoni,7987654356,India
```

```
Sachin,7865467510,India
```

```
Virat,6785678918,India
```

```
ABD,9876543217, SouthAfrica
```

```
Rohit,8976789045,India
```

```
Messi,4567890110,Argentina
```

```
Ronaldo,7777777658,Portugal
```

```
(saurabh@LenovoLegion5) - [~/LinuxPractice/sedCommand]
```

```
$ sed -n '/India/p' csvFile.txt
```

```
Dhoni,7987654356,India
```

```
Sachin,7865467510,India
```

```
Virat,6785678918,India
```

```
Rohit,8976789045,India
```

```
(saurabh@LenovoLegion5) - [~/LinuxPractice/sedCommand]
```

```
$
```



```
(saurabh@LenovoLegion5)-[~/LinuxPractice]
$ ls -l *.txt
-rw-r--r-- 1 saurabh saurabh 207 Apr 13 17:48 freemem.txt
-rw-r--r-- 1 saurabh saurabh 113 Apr 14 07:43 list.txt
-rw-r--r-- 1 saurabh saurabh 52 Apr 13 14:19 names.txt
-rw-r--r-- 1 saurabh saurabh 101 Apr 13 14:33 sortedListOfFiles.txt
-rw-r--r-- 1 saurabh saurabh 64 Apr 13 14:24 sortednames.txt
-rw-r--r-- 1 saurabh saurabh 282 Apr 13 09:26 test1.txt
-rw-r--r-- 1 saurabh saurabh 72 Apr 13 11:10 test2.txt
```

```
(saurabh@LenovoLegion5)-[~/LinuxPractice]
$ ls -l *.txt | sort -r
-rw-r--r-- 1 saurabh saurabh 72 Apr 13 11:10 test2.txt
-rw-r--r-- 1 saurabh saurabh 64 Apr 13 14:24 sortednames.txt
-rw-r--r-- 1 saurabh saurabh 52 Apr 13 14:19 names.txt
-rw-r--r-- 1 saurabh saurabh 282 Apr 13 09:26 test1.txt
-rw-r--r-- 1 saurabh saurabh 207 Apr 13 17:48 freemem.txt
-rw-r--r-- 1 saurabh saurabh 113 Apr 14 07:43 list.txt
-rw-r--r-- 1 saurabh saurabh 101 Apr 13 14:33 sortedListOfFiles.txt
```

```
(saurabh@LenovoLegion5)-[~/LinuxPractice]
$ ls -l *.txt | awk '{print $NF}' | sort -r
test2.txt
test1.txt
sortednames.txt
sortedListOfFiles.txt
names.txt
list.txt
freemem.txt
```

```
(saurabh@LenovoLegion5)-[~/LinuxPractice]
$
```

```
(saurabh@LenovoLegion5)~[~/LinuxPractice]
```

```
$ ls
```

```
AWKcommand  dir2  FilePermissionDemo  head  names.txt  sortedListOfFiles.txt  test1.txt  test3.sh
dir1        dir3  freemem.txt          list.txt  sedCommand  sortednames.txt        test2.txt  test4.sh
```

```
(saurabh@LenovoLegion5)~[~/LinuxPractice]
```

```
$ ls -l *.txt
```

```
-rw-r--r-- 1 saurabh saurabh 207 Apr 13 17:48 freemem.txt
-rw-r--r-- 1 saurabh saurabh 113 Apr 14 07:43 list.txt
-rw-r--r-- 1 saurabh saurabh 52 Apr 13 14:19 names.txt
-rw-r--r-- 1 saurabh saurabh 101 Apr 13 14:33 sortedListOfFiles.txt
-rw-r--r-- 1 saurabh saurabh 64 Apr 13 14:24 sortednames.txt
-rw-r--r-- 1 saurabh saurabh 282 Apr 13 09:26 test1.txt
-rw-r--r-- 1 saurabh saurabh 72 Apr 13 11:10 test2.txt
```

```
(saurabh@LenovoLegion5)~[~/LinuxPractice]
```

```
$ ls -l *.txt | sort -r
```

```
-rw-r--r-- 1 saurabh saurabh 72 Apr 13 11:10 test2.txt
-rw-r--r-- 1 saurabh saurabh 64 Apr 13 14:24 sortednames.txt
-rw-r--r-- 1 saurabh saurabh 52 Apr 13 14:19 names.txt
-rw-r--r-- 1 saurabh saurabh 282 Apr 13 09:26 test1.txt
-rw-r--r-- 1 saurabh saurabh 207 Apr 13 17:48 freemem.txt
-rw-r--r-- 1 saurabh saurabh 113 Apr 14 07:43 list.txt
-rw-r--r-- 1 saurabh saurabh 101 Apr 13 14:33 sortedListOfFiles.txt
```

```
(saurabh@LenovoLegion5)~[~/LinuxPractice]
```

```
$ ls -l *.txt | awk '{print $NF}' | sort -r
```

```
test2.txt
test1.txt
sortednames.txt
sortedListOfFiles.txt
names.txt
list.txt
freemem.txt
```

```
(saurabh@LenovoLegion5)~[~/LinuxPractice]
```

```
$
```