```
323  vi sum.c
324  gcc sum.c && ./a.out
325  vi filecmd
326  cat filecmd
327  cat sum.c
328  gcc sum.c
329  ./a.out
330  gcc sum.c && ./a.out
331  ls
332  more filecmd
333  nano filecmd
334  more filecmd
335  less filecmd
336  head filecmd
337  head -n 5 filecmd
338  tail filecmd
339  tail +5 filecmd
340  nano sample.txt
341  cat sample.txt
342  cut -c 1-3 sample.txt
343  cut -c 4-10 sample.txt
344  cat sample.txt
345  cut -d ':' -f2 sample.txt
346  cut -d ':' -f2,3 sample.txt
347  ls
348  cat demo
349  nano f1
350  nano f2
351  cat fi
352  cat f1
353  cat f2
354  paste f1 f2
355  paste -d ':' f1 f2
356  paste -s f1 f2
357  cat sample.txt
358  sort sample.txt
359  sort sample.txt -r
360  sort -t ':' -k2 sample.txt
361  sort -t ':' -k3 sample.txt
362  sort -t ':' -k4 sample.txt
363  sort -t ':' -k3 sample.txt -r
364  cat sample.txt
365  tr ':' '|' < sample.txt
366  cat sample.txt
367  ls
368  tr ':' '|' < sample.txt > s1.txt
369  ls
370  cat s1.txt
371  tr ':0' '|$' < sample.txt
372  cat sample.txt
373  tr -s '0' < sample.txt
```

```
374  cat sample.txt
375  tr -d '0' < sample.txt
376  nano example.txt
377  cat example.txt
378  uniq example.txt
379  nano example.txt
380  cat example.txt
381  uniq example.txt
382  ls
383  cat sample.txt
384  cat s1.txt
385  cmp sample.txt s1.txt
386  diff sample.txt s1.txt
387  ls
388  nano test.c
389  cat test.c
390  grep main test.c
391  grep ^main test.c
392  grep ^int test.c
393  grep \; test.c
394  nano test.c
395  cat test.c
396  grep ^int test.c
397  nano sed_test
398  cat sed_test
399  sed 's/Hello/Hi/' sed_test
400  cat sed_test
401  sed -i 's/Hello/Hi/' sed_test
402  cat sed_test
403  sed 's/!/$/g' sed_test
404  cat sed_test
405  sed '/simple/d' sed_test
406  sed '/Hi/a Welcome to sed' sed_test
407  sed -n '/Hi/p' sed_test
408  nano employees.txt
409  cat employees.txt
410  awk '{print $0}' employees.txt
411  awk '{print $1, $3}' employees.txt
412  awk $3>50000 '{print $1, $3}' employees.txt
413  awk '$3 > 50000 {print $1, $3}' employees.txt
414  awk 'BEGIN {print "Name:, Salary: "} {print $1, $3}' employees.txt
415  awk 'BEGIN {print "Name Salary"} {print $1, $3}' employees.txt
416  awk 'BEGIN {print "Name Age Salary"} {print $1, $2, $3}' employees.txt
417  awk '{total+= $3} END {print "Total Salary=", total}' employees.txt
418  awk '{print $0}' employees.txt
419  awk '{print NR, $1}' employees.txt
420  awk '{print NR, $0}' employees.txt
421  awk '/Alice/' employees.txt
422  awk '$2 < 30 {print $1, $2}' employees.txt
423  awk '{printf "Name: %s, Age: %d, Salary: %d\n", $1, $2, $3}' employees.txt
424  awk 'END {print "Total employees= ", NR}' employees.txt
```

```
425  ls -l
426  ls -l s1.txt
427  chmod u+x s1.txt
428  ls -l s1.txt
429  chmod o-r s1.txt
430  ls -l s1.txt
431  chmod 462 s1.txt
432  ls -l s1.txt
433  history
```

kartik@LAPTOP-8H0VJTF6:~$ ls

demo out stepin test training

kartik@LAPTOP-8H0VJTF6:~$ cd stepin

kartik@LAPTOP-8H0VJTF6:~/stepin$ ls

demo git linux sdlc training

kartik@LAPTOP-8H0VJTF6:~/stepin$ vi sum.c

kartik@LAPTOP-8H0VJTF6:~/stepin$ gcc sum.c && ./a.out

sum.c: In function 'main':

sum.c:4:9: error: expected '=', ',', ';', 'asm' or '__attribute__' before 'a'

   4 | a=15

     | ^

kartik@LAPTOP-8H0VJTF6:~/stepin$ vi sum.c

kartik@LAPTOP-8H0VJTF6:~/stepin$ gcc sum.c && ./a.out

sum = 45

kartik@LAPTOP-8H0VJTF6:~/stepin$ vi filecmd

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat filecmd

mkdir

rmdir

cd

pwd

rm

touch

nano

vi

ls

wc

cat

tac

cp

mv

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat sum.c

#include<stdio.h>

int main() {

    int a, b, c;

    a = 15;

    b = 30;

    c = a + b;

    printf("sum = %d\n", c);

    return 0;

}

kartik@LAPTOP-8H0VJTF6:~/stepin$ gcc sum.c

```
kartik@LAPTOP-8H0VJTF6:~/stepin$ ./a. out

-bash: ./a.: No such file or directory

kartik@LAPTOP-8H0VJTF6:~/stepin$ ./a.out

sum = 45

kartik@LAPTOP-8H0VJTF6:~/stepin$

kartik@LAPTOP-8H0VJTF6:~/stepin$ gcc sum.c && ./a.out

sum = 45

kartik@LAPTOP-8H0VJTF6:~/stepin$ more filecmd

mkdir

rmdir

cd

pwd

rm

touch

nano

vi

ls

wc

cat

tac

cp

mv


kartik@LAPTOP-8H0VJTF6:~/stepin$ nano filecmd

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat filecmd
```

mkdir

rmdir

cd

pwd

rm

touch

nano

vi

ls

wc

cat

tac

cp

mv

BASIC LINUX COMMANDS

date

cal

bc

clear

exit

uname

echo

seq

history

FILTER AND PATTERN COMMANDS

more

less

head

tail

cut

paste

tr

sort

uniq

cmp

diff

grep

sed

awk

FILE PERMISSION COMMANDS

chmod

chown

umask

kartik@LAPTOP-8H0VJTF6:~/stepin$ more filecmd

mkdir

rmdir

cd

pwd

rm

touch

nano

vi

ls

wc

cat

tac

cp

mv

BASIC LINUX COMMANDS

date

cal

bc

clear

exit

uname

echo

seq

history

FILTER AND PATTERN COMMANDS

more

less

head

tail

cut

paste

tr

sort

uniq

cmp

diff

grep

sed

awk

FILE PERMISSION COMMANDS

chmod

chown

umask

kartik@LAPTOP-8H0VJTF6:~/stepin$ less filecmd

[1]+ Stopped   less filecmd

kartik@LAPTOP-8H0VJTF6:~/stepin$ head filecmd

mkdir

rmdir

cd

pwd

rm

touch

nano

vi

ls

wc

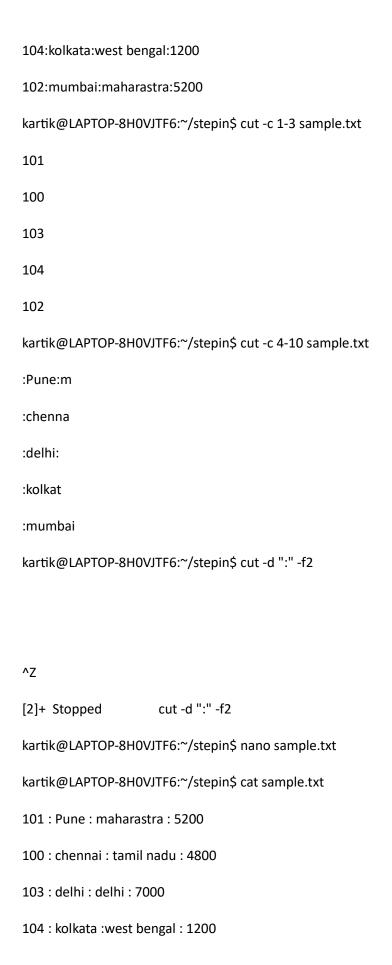kartik@LAPTOP-8H0VJTF6:~/stepin$ head -n 5 filecmd

mkdir

rmdir

cd

pwd

rm

kartik@LAPTOP-8H0VJTF6:~/stepin$ tail filecmd

diff

grep

sed

awk

FILE PERMISSION COMMANDS

chmod

chown

umask

kartik@LAPTOP-8H0VJTF6:~/stepin$ tail +5 filecmd

rm

touch

nano

vi

ls

wc

cat

tac

cp

mv

BASIC LINUX COMMANDS

date

cal

bc

clear

exit

uname

echo

seq

history

FILTER AND PATTERN COMMANDS

more

less

head

tail

cut

paste

tr

sort

uniq

cmp

diff

grep

sed

awk

FILE PERMISSION COMMANDS

chmod

chown

umask

kartik@LAPTOP-8H0VJTF6:~/stepin$ nano sample.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat sample.txt

101:Pune:maharastra:5200

100:chennai:tamil nadu:4800

103:delhi:delhi:7000

104:kolkata:west bengal:1200

102:mumbai:maharastra:5200

kartik@LAPTOP-8H0VJTF6:~/stepin$ cut -c 1-3 sample.txt

101

100

103

104

102

kartik@LAPTOP-8H0VJTF6:~/stepin$ cut -c 4-10 sample.txt

:Pune:m

:chenna

:delhi:

:kolkat

:mumbai

kartik@LAPTOP-8H0VJTF6:~/stepin$ cut -d ":" -f2

^Z

[2]+ Stopped   cut -d ":" -f2

kartik@LAPTOP-8H0VJTF6:~/stepin$ nano sample.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat sample.txt

101 : Pune : maharastra : 5200

100 : chennai : tamil nadu : 4800

103 : delhi : delhi : 7000

104 : kolkata :west bengal : 1200

102 : mumbai : maharastra : 5200

kartik@LAPTOP-8H0VJTF6:~/stepin$ cut -d ":" -f2

^Z

[3]+ Stopped   cut -d ":" -f2

kartik@LAPTOP-8H0VJTF6:~/stepin$ cut -d ":" -f2 sample.txt

 Pune

 chennai

 delhi

 kolkata

 mumbai

kartik@LAPTOP-8H0VJTF6:~/stepin$ cut -d ":" -f2,3 sample.txt

 Pune : maharastra

 chennai : tamil nadu

 delhi : delhi

 kolkata :west bengal

 mumbai : maharastra

kartik@LAPTOP-8H0VJTF6:~/stepin$ nano f1

kartik@LAPTOP-8H0VJTF6:~/stepin$ nano f2

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat f1

This is test file for demonstrating paste command

paste is a useful filter command

we can merge two or more files horizontally with tab as seperator

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat f2

This is second test file

We are learning filter and pattern matching commands

This is Week three of Training

kartik@LAPTOP-8H0VJTF6:~/stepin$ paste f1 f2

This is test file for demonstrating paste command   This is second test file

paste is a useful filter command   We are learning filter and pattern matching commands

we can merge two or more files horizontally with tab as seperator   This is Week three of Training

kartik@LAPTOP-8H0VJTF6:~/stepin$ paste -d ":" f1 f2

This is test file for demonstrating paste command :This is second test file

paste is a useful filter command :We are learning filter and pattern matching commands

we can merge two or more files horizontally with tab as seperator:This is Week three of Training

kartik@LAPTOP-8H0VJTF6:~/stepin$ paste -s f1 f2

This is test file for demonstrating paste command   paste is a useful filter command   we can merge two or more files horizontally with tab as seperator

This is second test file   We are learning filter and pattern matching commands   This is Week three of Training

kartik@LAPTOP-8H0VJTF6:~/stepin$

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat sample.txt

101 : Pune : maharastra : 5200

100 : chennai : tamil nadu : 4800

103 : delhi : delhi : 7000

104 : kolkata :west bengal : 1200

102 : mumbai : maharastra : 5200

kartik@LAPTOP-8H0VJTF6:~/stepin$

kartik@LAPTOP-8H0VJTF6:~/stepin$ sort sample.txt

100 : chennai : tamil nadu : 4800

101 : Pune : maharastra : 5200

102 : mumbai : maharastra : 5200

103 : delhi : delhi : 7000

104 : kolkata :west bengal : 1200

kartik@LAPTOP-8H0VJTF6:~/stepin$ sort sample.txt -r

104 : kolkata :west bengal : 1200

103 : delhi : delhi : 7000

102 : mumbai : maharastra : 5200

101 : Pune : maharastra : 5200

100 : chennai : tamil nadu : 4800

kartik@LAPTOP-8H0VJTF6:~/stepin$ sort -t ":" -k2 sample.txt

101 : Pune : maharastra : 5200

100 : chennai : tamil nadu : 4800

103 : delhi : delhi : 7000

104 : kolkata :west bengal : 1200

102 : mumbai : maharastra : 5200

kartik@LAPTOP-8H0VJTF6:~/stepin$ sort -t ':' -k3 sample.txt

103 : delhi : delhi : 7000

101 : Pune : maharastra : 5200

102 : mumbai : maharastra : 5200

100 : chennai : tamil nadu : 4800

104 : kolkata :west bengal : 1200

kartik@LAPTOP-8H0VJTF6:~/stepin$ sort -t ':' -k4 sample.txt

104 : kolkata :west bengal : 1200

100 : chennai : tamil nadu : 4800

101 : Pune : maharastra : 5200

102 : mumbai : maharastra : 5200

103 : delhi : delhi : 7000

kartik@LAPTOP-8H0VJTF6:~/stepin$ sort -t ':' -k3 sample.txt -r

104 : kolkata :west bengal : 1200

100 : chennai : tamil nadu : 4800

102 : mumbai : maharastra : 5200

101 : Pune : maharastra : 5200

103 : delhi : delhi : 7000

kartik@LAPTOP-8H0VJTF6:~/stepin$ tr ":" "|" < sample.txt

101 | Pune | maharastra | 5200

100 | chennai | tamil nadu | 4800

103 | delhi | delhi | 7000

104 | kolkata |west bengal | 1200

102 | mumbai | maharastra | 5200

kartik@LAPTOP-8H0VJTF6:~/stepin$ tr ":" "|" < sample.txt > s1.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ ls

a.out demo f1 f2 filecmd git linux s1.txt sample.txt sdlc sum.c training

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat s1.txt

101 | Pune | maharastra | 5200

100 | chennai | tamil nadu | 4800

103 | delhi | delhi | 7000

104 | kolkata |west bengal | 1200

102 | mumbai | maharastra | 5200

kartik@LAPTOP-8H0VJTF6:~/stepin$ nano example.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ nano example.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat example.txt

this is linux training

this is linux training

this is linux training

learn commands well

This is linux training

kartik@LAPTOP-8H0VJTF6:~/stepin$ uniq example.txt

this is linux training

this is linux training

learn commands well

This is linux training

kartik@LAPTOP-8H0VJTF6:~/stepin$ ls

a.out demo example.txt f1 f2 filecmd git linux s1.txt sample.txt sdlc sum.c training

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat sample.txt

101 : Pune : maharastra : 5200

100 : chennai : tamil nadu : 4800

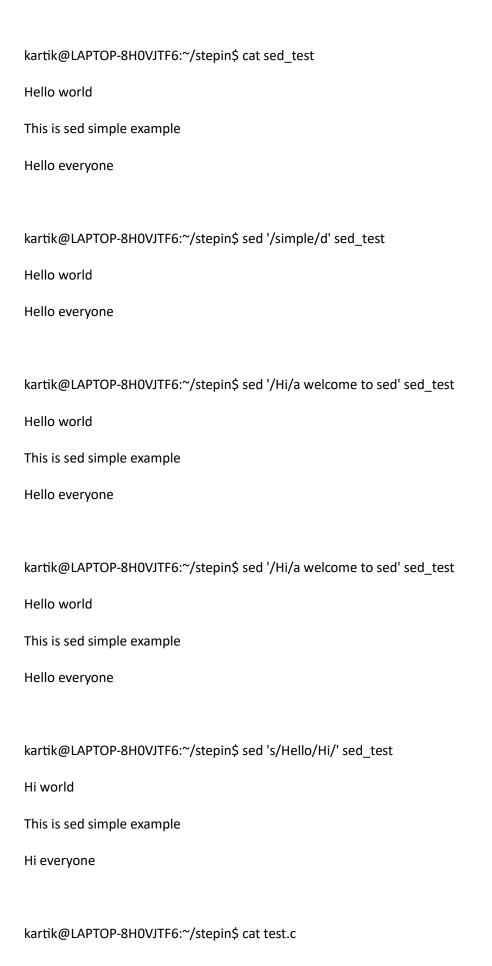103 : delhi : delhi : 7000

104 : kolkata :west bengal : 1200

102 : mumbai : maharastra : 5200

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat s1.txt

101 | Pune | maharastra | 5200

100 | chennai | tamil nadu | 4800

103 | delhi | delhi | 7000

104 | kolkata |west bengal | 1200

102 | mumbai | maharastra | 5200

kartik@LAPTOP-8H0VJTF6:~/stepin$ cmp sample.txt s1.txt

sample.txt s1.txt differ: byte 5, line 1

kartik@LAPTOP-8H0VJTF6:~/stepin$ diff sample.txt s1.txt

1,5c1,5

< 101 : Pune : maharastra : 5200

< 100 : chennai : tamil nadu : 4800

< 103 : delhi : delhi : 7000

< 104 : kolkata :west bengal : 1200

< 102 : mumbai : maharastra : 5200

> 101 | Pune | maharastra | 5200

> 100 | chennai | tamil nadu | 4800

> 103 | delhi | delhi | 7000

> 104 | kolkata |west bengal | 1200

> 102 | mumbai | maharastra | 5200

kartik@LAPTOP-8H0VJTF6:~/stepin$ nano test.c

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat test.c

#include<stdio.h>

int main(){

printf("Welcome to linux\n");

int a=5,b=4,c;

```
c=a+b

print("sum=%d\n",c);

return 0;

}
```

kartik@LAPTOP-8H0VJTF6:~/stepin$ grep main test.c

```
int main(){
```

kartik@LAPTOP-8H0VJTF6:~/stepin$ grep ^main test.c

kartik@LAPTOP-8H0VJTF6:~/stepin$ grep ^int test.c

```
int main(){

int a=5,b=4,c;
```

kartik@LAPTOP-8H0VJTF6:~/stepin$ grep \; test.c

```
printf("Welcome to linux\n");

int a=5,b=4,c;

print("sum=%d\n",c);

return 0;
```

kartik@LAPTOP-8H0VJTF6:~/stepin$ grep ^; test.c

^Z

[4]+ Stopped   grep --color=auto ^

test.c: command not found

kartik@LAPTOP-8H0VJTF6:~/stepin$ grep \; test.c

```
printf("Welcome to linux\n");

int a=5,b=4,c;

print("sum=%d\n",c);

return 0;
```

kartik@LAPTOP-8H0VJTF6:~/stepin$ nano sed_test

```
kartik@LAPTOP-8H0VJTF6:~/stepin$ cat sed_test

Hello world

This is sed simple example

Hello everyone


kartik@LAPTOP-8H0VJTF6:~/stepin$ sed '/simple/d' sed_test

Hello world

Hello everyone


kartik@LAPTOP-8H0VJTF6:~/stepin$ sed '/Hi/a welcome to sed' sed_test

Hello world

This is sed simple example

Hello everyone


kartik@LAPTOP-8H0VJTF6:~/stepin$ sed '/Hi/a welcome to sed' sed_test

Hello world

This is sed simple example

Hello everyone


kartik@LAPTOP-8H0VJTF6:~/stepin$ sed 's/Hello/Hi/' sed_test

Hi world

This is sed simple example

Hi everyone


kartik@LAPTOP-8H0VJTF6:~/stepin$ cat test.c
```
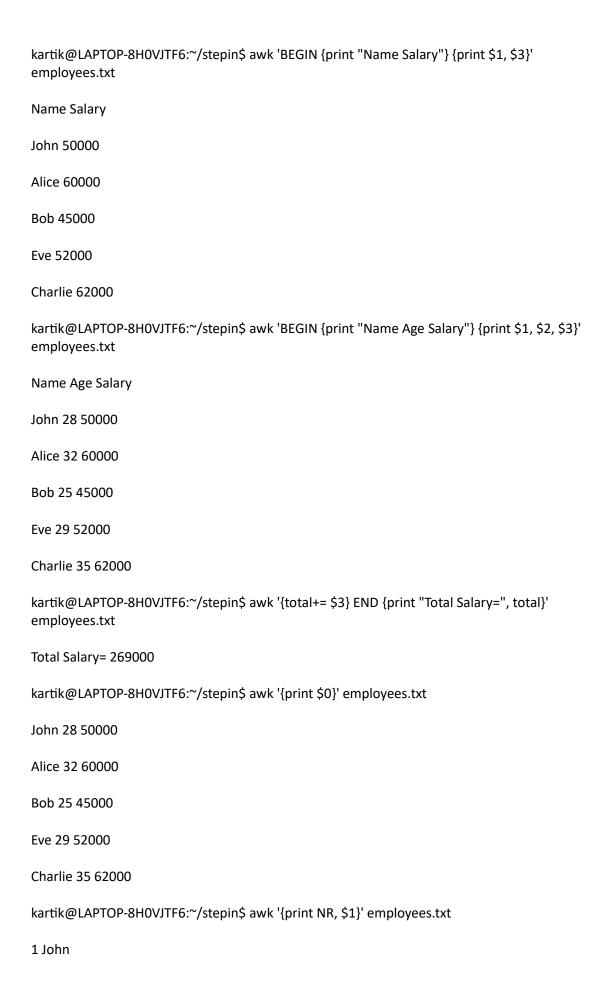
```
#include<stdio.h>

int main(){

printf("Welcome to linux\n");

int a=5,b=4,c;

c=a+b

print("sum=%d\n",c);

return 0;

}
```

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat sed_test

Hello world

This is sed simple example

Hello everyone

kartik@LAPTOP-8H0VJTF6:~/stepin$ sed 's/Hello/Hi/' sed_test

Hi world

This is sed simple example

Hi everyone

kartik@LAPTOP-8H0VJTF6:~/stepin$ sed -i 's/Hello/Hi/' sed_test

kartik@LAPTOP-8H0VJTF6:~/stepin$ sed 's/!/$/g' sed_test

Hi world

This is sed simple example

Hi everyone

kartik@LAPTOP-8H0VJTF6:~/stepin$ nano sed_test

```
kartik@LAPTOP-8H0VJTF6:~/stepin$ sed 's/!/$/g' sed_test

Hi world$

This is sed simple example

Hi everyone$


kartik@LAPTOP-8H0VJTF6:~/stepin$ sed '/simple/d' sed_test

Hi world!

Hi everyone!


kartik@LAPTOP-8H0VJTF6:~/stepin$ sed '/Hi/a Welcome to sed' sed_test

Hi world!

Welcome to sed

This is sed simple example

Hi everyone!

Welcome to sed


kartik@LAPTOP-8H0VJTF6:~/stepin$ sed -n '/Hi/p' sed_test

Hi world!

Hi everyone!

kartik@LAPTOP-8H0VJTF6:~/stepin$ nano employees.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ cat employees.txt

John 28 50000

Alice 32 60000

Bob 25 45000

Eve 29 52000
```

Charlie 35 62000

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk '{print $0}' employees.txt

John 28 50000

Alice 32 60000

Bob 25 45000

Eve 29 52000

Charlie 35 62000

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk '{print $1, $3}' employees.txt

John 50000

Alice 60000

Bob 45000

Eve 52000

Charlie 62000

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk $3>50000 '{print $1, $3}' employees.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk '$3 > 50000 {print $1, $3}' employees.txt

Alice 60000

Eve 52000

Charlie 62000

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk 'BEGIN {print "Name:, Salary: "} {print $1, $3}' employees.txt

Name:, Salary:

John 50000

Alice 60000

Bob 45000

Eve 52000

Charlie 62000

```
kartik@LAPTOP-8H0VJTF6:~/stepin$ awk 'BEGIN {print "Name Salary"} {print $1, $3}'
employees.txt

Name Salary

John 50000

Alice 60000

Bob 45000

Eve 52000

Charlie 62000

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk 'BEGIN {print "Name Age Salary"} {print $1, $2, $3}'
employees.txt

Name Age Salary

John 28 50000

Alice 32 60000

Bob 25 45000

Eve 29 52000

Charlie 35 62000

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk '{total+= $3} END {print "Total Salary=", total}'
employees.txt

Total Salary= 269000

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk '{print $0}' employees.txt

John 28 50000

Alice 32 60000

Bob 25 45000

Eve 29 52000

Charlie 35 62000

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk '{print NR, $1}' employees.txt

1 John
```

2 Alice

3 Bob

4 Eve

5 Charlie

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk '{print NR, $0}' employees.txt

1 John 28 50000

2 Alice 32 60000

3 Bob 25 45000

4 Eve 29 52000

5 Charlie 35 62000

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk '/Alice/' employees.txt

Alice 32 60000

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk '$2 < 30 {print $1, $2}' employees.txt

John 28

Bob 25

Eve 29

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk '{printf "Name: %s, Age: %d, Salary: %d\n", $1, $2, $3}' employees.txt

Name: John, Age: 28, Salary: 50000

Name: Alice, Age: 32, Salary: 60000

Name: Bob, Age: 25, Salary: 45000

Name: Eve, Age: 29, Salary: 52000

Name: Charlie, Age: 35, Salary: 62000

kartik@LAPTOP-8H0VJTF6:~/stepin$ awk 'END {print "Total employees= ", NR}' employees.txt

Total employees= 5

kartik@LAPTOP-8H0VJTF6:~/stepin$ ls -l

total 80

-rw-r--r-- 1 kartik kartik   57 Jul 30 19:23 50000

-rwxr-xr-x 1 kartik kartik 15960 Jul 30 18:15 a.out

-rw-r--r-- 1 kartik kartik   11 Jul 29 18:00 demo

-rw-r--r-- 1 kartik kartik   72 Jul 30 19:21 employees.txt

-rw-r--r-- 1 kartik kartik   115 Jul 30 18:57 example.txt

-rw-r--r-- 1 kartik kartik   151 Jul 30 18:45 f1

-rw-r--r-- 1 kartik kartik   111 Jul 30 18:47 f2

-rw-r--r-- 1 kartik kartik   266 Jul 30 18:18 filecmd

drwxr-xr-x 2 kartik kartik 4096 Jul 29 18:02 git

drwxr-xr-x 2 kartik kartik 4096 Jul 29 17:52 linux

-rw-r--r-- 1 kartik kartik   159 Jul 30 18:54 s1.txt

-rw-r--r-- 1 kartik kartik   159 Jul 30 18:42 sample.txt

drwxr-xr-x 3 kartik kartik 4096 Jul 29 17:52 sdlc

-rw-r--r-- 1 kartik kartik   51 Jul 30 19:18 sed_test

-rw-r--r-- 1 kartik kartik   134 Jul 30 18:11 sum.c

-rw-r--r-- 1 kartik kartik   114 Jul 30 19:01 test.c

drwxr-xr-x 3 kartik kartik 4096 Jul 29 18:01 training

kartik@LAPTOP-8H0VJTF6:~/stepin$ ls -l s1.txt

-rw-r--r-- 1 kartik kartik 159 Jul 30 18:54 s1.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ chmod u+x s1.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ ls -l s1.txt

-rwxr--r-- 1 kartik kartik 159 Jul 30 18:54 s1.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ chmod o-r s1.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ ls -l s1.txt

-rwxr----- 1 kartik kartik 159 Jul 30 18:54 s1.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ chmod 462 s1.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ ls-l s1.txt

ls-l: command not found

kartik@LAPTOP-8H0VJTF6:~/stepin$ chmod 266 s1.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ ls-l s1.txt

ls-l: command not found

kartik@LAPTOP-8H0VJTF6:~/stepin$ ls -1 s1.txt

s1.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ chmod 462 s1.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ ls -l s1.txt

-r--rw--w- 1 kartik kartik 159 Jul 30 18:54 s1.txt

kartik@LAPTOP-8H0VJTF6:~/stepin$ history