rps@rps-virtual-machine:~/dum1$ cat employees.txt

empid name dept salary

1 devi HR 40000

2 abi Testing 34939

3 daya HR 34310

4 sai HR 89325

5 thananya HR 193003

rps@rps-virtual-machine:~/dum1$ awk '{print $1,$3}' employees.txt

empid dept

1 HR

2 Testing

3 HR

4 HR

5 HR

rps@rps-virtual-machine:~/dum1$ echo "5 10" | awk '{print $1+$2}'

15

rps@rps-virtual-machine:~/dum1$ awk '$4 > 100000 {print $1,$2,$3,$4}' employees.txt

empid name dept salary

5 thananya HR 193003

rps@rps-virtual-machine:~/dum1$ awk '/HR/ {print}' employees.txt

1 devi HR 40000

3 daya HR 34310

4 sai HR 89325

5 thananya HR 193003

rps@rps-virtual-machine:~/dum1$ awk '{print NR, $0}' employees.txt

1 empid name dept salary

2 1 devi HR 40000

3 2 abi Testing 34939

4 3 daya HR 34310

5 4 sai HR 89325

6 5 thananya HR 193003

rps@rps-virtual-machine:~/dum1$ #above $0->entire line , NR->built in variable,display line number

rps@rps-virtual-machine:~/dum1$ awk '{print $1, NF}' employees.txt

empid 4

1 4

2 4

3 4

4 4

5 4

rps@rps-virtual-machine:~/dum1$ awk '{print $1, $NF}' employees.txt

empid salary

1 40000

2 34939

3 34310

4 89325

5 193003

rps@rps-virtual-machine:~/dum1$ #NF->Built in variable,display last line

rps@rps-virtual-machine:~/dum1$ awk 'NR==3,NR==6 {print NR,$0}' employees.txt

3 2 abi Testing 34939

4 3 daya HR 34310

5 4 sai HR 89325

6 5 thananya HR 193003

rps@rps-virtual-machine:~/dum1$ #above display line from 3 to 6

rps@rps-virtual-machine:~/dum1$ awk 'length($2) > 4 'employees.txt

awk: 1: unexpected character '.'

rps@rps-virtual-machine:~/dum1$ awk 'length($2)>4' employees.txt

5 thananya HR 193003

rps@rps-virtual-machine:~/dum1$ #above printing name with more than 4 characters

rps@rps-virtual-machine:~/dum1$ awk 'END {print NR}' employees.txt

6

rps@rps-virtual-machine:~/dum1$ #above count the lines in a file

rps@rps-virtual-machine:~/dum1$

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