

Filters

- Can help achieve anything & everything
- Database
- Searching

cat file <

head file <

tail file <

head -7 file < → first 7

tail -7 file < → last 7

tail -5 +5 file < → everything after 5 line

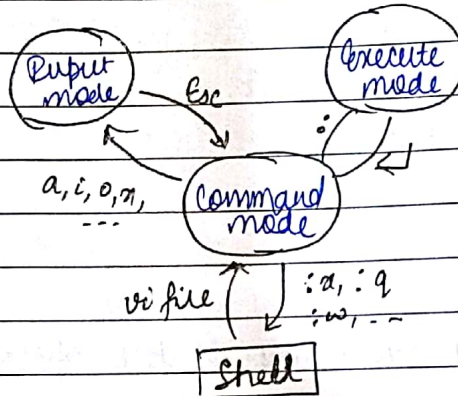
i: insert one line

q: append multiple

x: backspace

O: newline (<)

dd: delete line



ex :w <

ex :q <

ex :wq <

:x <

ex :q! <

ex :set line no.

→ set line no.

Make this structure in vi

Roll	Name	Dept	HwD
1	AB	CSE	Sub
2	CD	IT	AKS
3	.	.	.
.	.	.	.
.	.	.	.

24 x 20
sh 22/2/18

cut -c 6,22 file < → display 6th to 22nd character

cut -d \; -f 2,3 file <

delimiter (space, comma)

cut -d \; -f 2,3 file < | tee file2 <

tee has to be chained with other commands.

paste file2 file3 < → can work after two cut commands

sort abc < → lexicographically

sort -n abc < → numeric

sort -t "!" -k 2 file
sort -t "!" -r -k 2 file
↓ reverse ↓ 2, 3 → inner, outer is first

← tr '!' '~-' < file | head -n 3 → translates

head -n 3 file | tr 'a-z' 'A-Z'

grep "password" file → all those lines with a match will be displayed.

grep -i → irrespective of case
-v → all lines without match
-n → line no.
-e → similar match

cmp abc pqr → first mismatch.
No output for same files