

# Notes for learning vi

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## Modes of VI

Command Mode and Insert Mode

CommandMode->InsertMode : i , o, ..

InsertMode->CommandMode : Esc

:w : save file

:q : quit

q! : discard change and quit

wq: save and quit

wq!: save and quit overriding any warning

Esc u : undo

Ctrl-r : redo

x : delete the char at curr pos

dw : delete word

dd : delete line

:set nu : set Line numbering

:set nonu : set No Line numbering

/ : search (press n to go to next match)

1,\$ s/MySequence/YourSequence/ : Replaces first instance in each line

/g

\$ : Last line or end of current line

:lineno : goes to that line // you can use \$ to indicate last line

\$ : end of current line

:\$ : last line of file

^pattern: match pattern in begin of line

pattern\$ : match pattern at end of line

^pattern\$: entire line must match

dd : delete and clipboard //n is any integer

yy : yank (copy)

p : paste

:n1,n2 y : yank range of lines

% : match the pairing brace

d% : deletes a block enclosed by braces

ctrl d, ctrl u : scroll half page down or up

ctrl b , ctrl f : scroll full page backwards or forwards

:o

:O

: se ic : case insensitive

: se noic : case sensitive

\$HOME/.vimrc can have preferred settings

:set ts=4

pattern can have regular expression

**A good cheat sheet : <https://www.cse.scu.edu/~yfang/coen11/vi-CheatSheet.pdf>**

# Open Edit Close paradigm

You may open an existing file for modification, or a new file for creation  
(Note : create in file system will happen only if and when you save)

## Editing

### Invisible commands

Commands are very powerful but invisible. (You know what you type!)

### Navigation

Arrow keys almost always work.

The keys h(left), j(down), k(up), l(right) always work

## Special symbols 0, \$ and ^

Based on context , \$ means end of line or end of file

^ means begin of line

How to jump to begin of current line?

How to jump to end of current line?

How to go to last line in file?

How to go to 1st line in file?