

Vi/vim/gvim Editor commands & configuration

Open File: vi <filename/s> à {vi *.c means open all .c files in the current directory}

Save/Quit: :w

Quit without saving file: :q

Save and quit: :wq

Forcefully Save: :w! {used to save a Read Only File like /etc/shadow}

Forcefully Quit: :q! {it will ignore all changes after last save}

Forcefully Save & Quit: :wq!

Editing Commands:

Insert char/s i

Insert at start of line I

Insert line after o

Insert line before O

Append after cursor a

Append at the EOL A

Delete char x à {delete **n** char **nx**}

Delete word dw à {delete **n** words **ndw**}

Delete line dd à {delete **n** lines **ndd**}

Delete lines n1 to n2 :n1,n2 d

Delete rest of the line D

Change word cw à {change **n** words **ncw**}

Change entire line cc

Change rest of the line C

Replace char r à {replace **n** chars **nr**}

Replace till <ESC> R

Swap char position xp

Undo last edit u

Cursor movement:

Go to line no. n : n

Go top of file :1

Go bottom of file :\$

Go end of line \$

Go start of line 0 or ^

Go up k or é {Go **n** lines up **nk**}

Go down j or ê {Go **n** lines down **nj**}

Go left h or è {Go to left by **n** col **nh**}

Go right l or ç {Go to right by **n** col **nl**}

Go one screen back ^b or Pg Up

Go one page down ^f or Pg Dn

Go to next file :n à {if you opened more than one file}

Go to Previous file :N à {if you opened more than one file}

Search & Substitution:

Search /<string> à (use **n** for going to next occurrence of <string>)

Substitution :n1,n2 s/X/Y/options à Substitute 'Y' for first occurrence of 'X' between lines n1 & n2

Options: g – Global Change c - Confirm each change

Copy, Cut& Paste:

Yank (Copy) yy à {yank **n** lines **nyy**}

Cut can be of chars **nx** , words **ndw** or lines **ndd** or **:n1,n2 d**

*{After deletion or yank, position the cursor properly and use **p** to paste the deleted chars, words or lines}*

Put p à { Equivalent to **Paste**}

Search Patterns (Regular Expression)

Beginning of line	^	à {Hat}
End of line	\$	
Any character	.	à {Dot/Point}
Zero or more of previous character	*	à {Star}
Matches any character from A to Z	[A-Z]	
Matches any character from a to z	[a-z]	
Matches any character from 0 to 9	[0-9]	
Matches a, b, or c	[abc]	
Matches any character BUT a, b or c	[^abc]	
escape character for literal: \ / \$. ^ [' & * ~ \		

General Commands:

Transfer lines	:n1,n2 t n3	à {transfer lines between n1 & n2 after line n3}
Write to other file	:n1,n2 w <filename>	à {write lines n1 to n2 to file filename}
Append to a file	:n1,n2 w>> <file name>	à {Append from lines n1 to n2 to file filename}
Read from file	:r <filename>	
Know about file detail	^g	
Refresh Screen	^l	

Set Options:

Prints all option settings	:set all
Enables option 'option'	:set option
Disables option 'option'	:set nooption
Prints current value of 'option'	:set option?
Prints modified options	:set
Show Line Numbers	:set nu
Hide Line Numbers	:set nonu
Set Auto Indent	:set ai

Complex Examples:

Remove first 5 char from all the lines	:1,\$s/^.....//	à {There are 5 dots}
Remove last 5 char from all the lines	:1,\$s/.....\$//	à {There are 5 dots}

User can use .exrc or _vimrc file as a default vi/vim configuration. In Unix/Linux it is called vi/vim. In Windows it is called vi/gvim.

Sample common vimrc

```
set nocompatible
source $VIMRUNTIME/vimrc_example.vim
source $VIMRUNTIME/mswin.vim
behave mswin
set nu
set nobackup
set ts=5
set ai
```

Sample common .exrc

```
set nu redraw showmatch beautify autoindent
set tabstop=3
```