

Normal Mode = You open the file and start editing in Vim
Command Mode = You open the file to edit and press `esc` key

Normal mode Operations

INSERT OPERATIONS

a = type(insert) after the current char
i = type(insert) before the current char
o = type(insert) on a new line after the current line
A = type(insert) at the end of the current line
I = type(insert) at the start of the current line
O = type(insert) on a new line after the current line

DELETE AND REPLACE OPERATIONS

x = deletes the character below the cursor
r (string) = replaces the char under the cursor with the typing one
X = deletes the character before the cursor
p = pastes the last character that was removed (by x and X)
xp = switch two characters

UNDO and REPEAT OPERATIONS

u = undo the last operation
. = redo the last operation

CUT COPY PASTE OPERATIONS

dd = cut the current line
yy = copy the current line
p = paste after the current line
P = paste before the current line
3dd = deletes three lines below the cursor
4yy = copies four lines below the cursor

NAVIGATION OPERATIONS

0/^ = jumps to the start of the current line
\$ = jumps to the end of the current line
d0 = delete until the start of the line (leaves the char under the cursor)
d\$ = delete until the end of the line

LINE ACTIONS

J = joins the current line with the below line
yyp = duplicate the current line (copy and paste)
ddp = switch lines (deletes the line and pastes it under the current line)

WORD ACTIONS

w = jumps forward one word
b = jumps backward one word
int w = jumps forward int words
int b = jumps backward int words

Command mode Operations

SEARCH OPERATIONS

:/string = searches for the entered string (forward)
:?string = searches for the entered string (backward)
:/^string = searches if the entered string is present at the start of the line
:?\$string = searches if the entered string is present at the end of the line
:/xy[z123]a = searches for xyza, xy1a, xy2a, xy3a, for backward search use ? instead of /
:n = moves to the next occurrences of the searched string

REPLACE OPERATIONS

:/4,8 s/test/TEST/g = replaces test with TEST from line 4 to 8
:/1,\$ s/test/TEST/g = replaces test with TEST from all the lines

READ FILES OPERATIONS

:r file = includes the contents of the file in the current file
:r !cmd = the command is executed and the output is included in the file

MULTIPLE FILE ACCESSING OPERATIONS

vi test test2 test3 = opens 3 files
:args = lists the opened files and marks the active one
:n = moves to the next file