

# Cheat Sheets

PDF: [vim-comands-cheat-sheet-by-pnap.pdf](https://vim-comands-cheat-sheet-by-pnap.pdf)



## Vim Cheat Sheet



Created by @dan\_nanni on Instagram



### Editing Mode

**:** command mode  
**ESC** normal mode  
**i** insert mode  
**v** visual mode, highlight characters  
**V** visual line mode, highlight lines

### Cursor Movement

**Character** **h** (left) **j** (down) **k** (up) **l** (right)  
**Word** **w** (next start) **b** (prev) **e** (next end)  
**Line** **0** (start) **\$** (end) **^** (first non-blank)  
**Screen** **Ctrl+f** (page down) **Ctrl+b** (page up)  
**File** **gg** (first line) **G** (last line)

### Editing Operation

**Insert** **i** (before cursor) **I** (line beginning)  
**a** (after cursor) **A** (line end)  
**o** (new line below) **O** (new line above)  
**Delete** **x** (current char) **dd** (or **:d**) (current line)  
**D** (to end of line) **dw** (word)

### Copy and Paste

**Copy** **yy** (or **Y**) (current line) **3yy** (3 lines)  
**yiw** (current word without whitespace)  
**yaw** (current word with whitespace)  
**y\$** (to end of line)  
**Paste** **p** (paste after) **P** (paste before)

### Undo and Redo

**u** Undo the last action  
**U** Undo all latest changes made to the line  
**Ctrl+r** Redo the last action

### Search and Replace

**Search** **/pattern** (from current cursor)  
**n** (next match) **N** (prev match)  
**Replace** **:s/old/new/g** (replace in cur line)  
**:%s/old/new/g** (replace in all lines)  
**:%s/old/new/gc** (replace with confirm)

### File Operation

**:w** Save current changes  
**:w <filename>** Save changes to another file  
**:q** Exit but it will fail with unsaved change  
**:q!** Exit without saving changes  
**:wq** (or **:x**) Save changes and exit  
**:e <filename>** Open a new file

### Window Management

**:split** (or **:sp**) split window horizontally  
**:vsplit** (or **:vs**) split window vertically  
**:new** open a new window horizontally  
**:vnew** open a new window horizontally  
**Ctrl-w** switch cursor between windows  
**Ctrl-w r** rotate window positions

### Shell Command

**:shell** Open separate command prompt  
**exit** Exit command prompt

### Customization

**:set number** Show line numbers  
**:set tabstop=<N>** Change tab width  
**:set hlsearch** Highlight search matches  
**:set autoindent** Enable auto indentation



## Modes & Controls

**Command Mode** ESC (commands preceded by :)

**Insertion Mode** Entered on insertion or change

### Starting VI (command line)

<b>vi &lt;filename&gt;</b>	Edit <i>filename</i>
<b>vi -r &lt;filename&gt;</b>	Edit last version of <i>filename</i> after crash
<b>vi + n &lt;filename&gt;</b>	Edit <i>filename</i> at line <i>n</i>
<b>vi + &lt;filename&gt;</b>	Edit <i>filename</i> at end of file
<b>vi +/str &lt;filename&gt;</b>	Edit <i>filename</i> at first occurrence of <i>str</i>

In insertion mode the following should be preceded by ESC:

<b>:w</b>	Save
<b>:x</b>	Save & Exit
<b>:q</b>	Exit if no changes made
<b>:q!</b>	Exit & discard any changes

## Cursor Navigation

<b>h</b> or ◀	Cursor left
<b>j</b> or ▼	Cursor down
<b>k</b> or ▲	Cursor up
<b>l</b> or ▶	Cursor right
<b>w</b>	Next word
<b>W</b>	Next blank delimited word
<b>b</b>	Start of word
<b>B</b>	Start of blank delimited word
<b>e</b>	End of word
<b>E</b>	End of blank delimited word
<b>(</b>	Back a sentence
<b>)</b>	Forward a sentence
<b>{</b>	Back a paragraph
<b>}</b>	Forward a paragraph
<b>0</b>	Beginning of line
<b>\$</b>	End of the line
<b>1G</b>	Start of file
<b>G</b>	End of file
<b>:n</b>	<i>n</i> th line of file
<b>f&lt;char&gt;</b>	Forward to <i>char</i>
<b>F&lt;char&gt;</b>	Back to <i>char</i>
<b>H</b>	Top of screen
<b>M</b>	Middle of screen
<b>L</b>	Bottom of screen
<b>%</b>	Matching bracket
<b>gg</b>	Start of document

## Inserting Text

<b>i</b>	Insert before cursor
<b>a</b>	Append after cursor
<b>I</b>	Insert before line
<b>A</b>	Append after line
<b>o</b>	Add new line after current line
<b>O</b>	Add new line before current line
<b>r</b>	Overwrite one character
<b>R</b>	Overwrite many characters
<b>:r &lt;file&gt;</b>	Reads <i>file</i> and inserts it after this line
<b>p</b>	Put after the position or line
<b>P</b>	Put before the position or line
<b>C</b>	Rewrite the whole line

## Deleting Text

<b>x</b>	Delete character to right of cursor
<b>X</b>	Delete character to left of cursor
<b>D</b>	Delete the rest of line
<b>dd</b> or <b>:d</b>	Delete current line
<b>ndw</b>	Deletes the next <i>n</i> words
<b>ndb</b>	Deletes the previous <i>n</i> words
<b>ndd</b>	Deletes <i>n</i> lines starting with current
<b>:x,yd</b>	Delete lines <i>x</i> through <i>y</i>
<b>:r &lt;file&gt;</b>	Reads <i>file</i> and inserts it after this line
<b>d{nav_cmd}</b>	Overwrite many characters
<b>:r &lt;file&gt;</b>	Reads <i>file</i> and inserts it after this line

## Searching

<b>/string</b>	Search forward for string
<b>?string</b>	Search backwards for string
<b>n</b>	Go to next match
<b>N</b>	Go to previous match
<b>:set ic</b>	Ignore case while searching
<b>:set noic</b>	Case-sensitive searching
<b>:set nu</b>	Turn on line numbers
<b>:x,yg/str</b>	Search for <i>str</i> from line <i>x</i> to line <i>y</i>
<b>:g/str/cmd</b>	Run cmd on lines containing <i>str</i>
<b>*</b>	Search for next instance of current word
<b>#</b>	Search for last instance of current word

## Replacing

**:s/pt/str/flag** Replace pattern with string

### Flags

<b>g</b>	Replace all occurrences of pattern
<b>c</b>	Confirm replaces
<b>&amp;</b>	Repeat last :s command

## Other

<b>u</b>	Undo last change
<b>J</b>	Join lines
<b>nJ</b>	Join next <i>n</i> lines
<b>.</b>	Repeat last command
<b>U</b>	Undo all changes to line
<b>:N</b>	Open split screen
<b>v</b>	Visual mode
<b>ctrl + c</b>	Escape insert mode



---

Revision #3

Created 29 February 2024 20:49:56 by Admin

Updated 29 February 2024 20:56:49 by Admin