

# VIM Cheat Sheet

## 1 Movement

`h` <sup>k</sup>  
`j` <sup>l</sup>

`w` / `b` = Word forward / backward  
`e` = End of current word  
`)` / `(` = Sentences forward / backward  
`}` / `{` = Paragraphs forward / backward

## 2 Scrolling

`<C-E>` / `<C-Y>` = Scroll window down / up  
`zz` = Scroll that cursor is in middle of screen  
`zt` = Scroll that cursor is on top of the screen  
`zb` = Scroll that cursor is on the bottom of the screen

## 3 Jumping with the cursor

`g;` / `g,` older / newer position in the changelist  
`:jumps` : changes Jumplist, Changelist  
`<C-O>` / `<C-I>` back / forward in Jumplist

## 4 The insert mode

`i` / `a` = Insert before / after cursor  
`I` / `A` = Insert at beginning / end of line  
`o` / `O` = Add and insert in line below / before  
`r` / `R` = Replace char / Replace mode  
`<C-O>` command = Quick command in insert mode  
`<C-R>` = Paste in insert mode

## 5 Help

`:help` command = Split screen help  
Browse the help:  
`CTRL-J` = Follow Link  
`CTRL-T` or `CTRL-O` = Go back

## 6 File opening and editing

`:e filename` = Open Filename in new Buffer  
`gf` = goto file, open file under cursor

## 7 Split screen

`:vs[plit]` = Vertical split  
`:sp[lit]` = Horizontal split  
`CTRL-W+hjkl` = change active viewport  
`CTRL-W` = same height/width of viewports

## 8 Buffers

`:buffers` = show list of buffers  
`:bn` / `:bp` = next / previous buffer

## 9 Visual

`v` = Visual mode  
`V` = Visual line  
`gv` = reselect visual selection

## 10 Spell checking

`<F12>` = toggle spell checking  
`]s` = next wrong word  
`[s` = previous wrong word  
`zg` = add good word to wordlist  
`zw` = add wrong word to wordlist  
`z=` = show suggestions

## 11 Copy & Paste

`y` = yank, visual select then press `y`  
`P` = Paste before cursor  
`p` = paste after cursor  
`:registers` = List of paste registers  
`"+` / `"*` = clipboard buffer / selection buffer  
`CTRL+<F11>` = toggle paste mode

## 12 Folding

`zo` / `zc` = Open / close fold  
`za` = Toggle fold

## 13 Quickfix list

`:cl[ist]` = Quickfix list  
`:cn` / `:cp` = Next / previous quickfix

## 14 Search & Replace

`/expr` = Search current file with `expr` forward  
`?expr` = Search current file with `expr` backward  
`n` / `N` = Move to next / previous match  
`:vimgrep expr file` = Grep in Vim, uses Quickfix list for matches  
`s/expr/rep/cgiI` = Substitute `expr` with `rep`  
Options: Confirm, G=all in line, case (i=ignore, l=Don't ignore)  
Backreferences: `\0` whole match, `\1` first group in `\( \)`  
Character Classes:  
`.` = any character except new line  
`\s` `\S` = Whitespace character; non-whitespace char  
`\d` `\x` `\o` = digit; hex digit; octal digit  
`\p` `\w` = Printable char; word char  
`\a` `\l` `\u` = Alphabetic char; lowercase char; uppercase char  
Quantifiers:  
`*` = 0 or more  
`+` = 1 or more  
`=` = 0 or 1  
`\{n,m}` `\{n}` `\{,m}` `\{n,}` = matches from `n` to `m`; exactly `n`, 0 to `m`, `n` or more

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