🚀 Special announcement: a new release of Hop3, the open source self-hosting platform, is available ×

Cheat sheet

The keys and commands you use every day come first, and the back has the rest of what a regular user looks up. Keys and Commands list everything. Inside the editor, `:help` prints a one-line summary. The PDF prints on both sides of one sheet.

Modes

`i` `a`	insert before, after the cursor
`I` `A`	at the start, the end of the line
`o` `O`	on a new line below, above
`R`	type over the text
Ctrl+W Ctrl+R *x*	while typing: delete a word, put a register
Ctrl+A Ctrl+X	add to, take from a number
`v` `V` Ctrl+V	select characters, lines, a block
`gv`	the last selection again
`:`	the command line
Esc	back to normal mode

Moving

`h` `j` `k` `l`	left, down, up, right
`w` `b` `e`	next word, previous, end of word
`0` `^` `$`	line start, first non-blank, end
`gg` `G` `:42`	first line, last, line 42
`{` `}`	previous, next paragraph
`f` *c* `t` *c*	to *c* on this line, to just before it
`;` `,`	the last `f` `t` again, the other way
`%`	the matching bracket
Ctrl+F Ctrl+B	a screen forward, back
Ctrl+D Ctrl+U	half a screen

Editing

`x`	delete the character
`dd` `yy` `cc`	delete, yank, change the line
`d` *motion*	delete to there: `dw` `d$` `d}`
`c` *motion*	change to there: `cw` `ci"`
`p` `P`	put after, before
`r` *c*	replace the character with *c*
`J`	join the next line on
`>>` `<<`	indent, outdent
`~`	swap case
`gcc` `gc` *motion*	comment out, or back in
`u` Ctrl+R	undo, redo
`.`	repeat the last change

A count goes in front: `3dd`, `2w`, `5j`.

Text objects

`iw` `aw`	a word, with its space
`i"` `a"`	inside quotes, with them
`i(` `i{` `i[`	inside brackets
`ip` `it`	a paragraph, inside a tag

After an operator or in visual mode: `ciw`, `da(`, `yi{`.

Search

`/` *text* `?` *text*	search forward, backward
`n` `N`	next, previous match
`*` `#`	the word under the cursor, forward, back
`:%s/a/b/g`	replace every *a* with *b*
`:noh`	clear the highlight
Ctrl+G	find in project
`:cn` `:cp`	next, previous hit
`:copen`	the list of hits

Files

`:w`	write
`:q` `:q!`	quit, quit discarding changes
`:wq` `ZZ`	write and quit
`:e` *path*	open a file
Ctrl+P	fuzzy file picker
`:ls`	open buffers
`:bn` `:bp`	next, previous buffer
`gR`	read Markdown rendered, and back
Enter Ctrl+O	follow a link when reading, go back

Windows

`:sp` `:vsp`	split across, side by side
Ctrl+W `w`	the next window
Ctrl+W `h` `j` `k` `l`	the window that way
Ctrl+W `c`	close this one
Ctrl+W `o`	close the others

Registers, macros, marks

`"` *a*	use register *a* for the next yank or put
`"+y` `"+p`	the system clipboard
`q` *a* ... `q`	record a macro into *a*
`@` *a* `@@`	play it, play the last again
`m` *a*	set mark *a*
`` ` `` *a* `'` *a*	to the mark, to its line

Settings

`:set nu` `:set rnu`	line numbers, relative
`:set hls`	highlight matches
`:set syntax=`*name*	colour as *name*
`:set cms=// %s`	how `gc` comments

Put them in `~/.config/turbovi/config`, one per line, to have them every time.

The back

More moving

`W` `B` `E`	by word, punctuation included
`F`*c* `T`*c*	`f` `t` backwards
`ge` `gE`	back to the end of a word
`H` `M` `L`	top, middle, bottom of the window
`zt` `zz` `zb`	scroll this line to the top, middle, bottom
``` `` ```	back to where the last jump started
`+` `-`	first non-blank, next line, previous
`Ctrl`+`E` `Ctrl`+`Y`	scroll, leaving the cursor

More editing

`X`	delete the character before
`D` `C`	delete, change to the end of the line
`s` `S`	change the character, the line
`Y`	yank the line
`gU` `gu` `g~`	upper, lower, swap case: `gUiw`
`@@`	play the last macro again
`!!` `!` *motion*	filter lines through a command
`:%!` *cmd*	filter the whole file: `:%!sort`
`:!` *cmd*	run a command, see its output
`:w !` *cmd*	give it the buffer

Visual block

`Ctrl`+`V`	select a rectangle
`d` `y` `c`	act on the rectangle
`I` `A`	type before, after it, on every line
`p`	put a yanked block back as a column

Substitute

`:s/a/b/`	this line, first match
`%` `.` `$`	whole file, this line, last line
`1,5` `.+1`	a span, a line relative to here
`g`	every match on the line
`i`	ignore case
`n`	count, change nothing

Ranges go before `s`, flags after: `:1,5s/a/b/gi`.

Buffers, windows, project

`:b` *name*	the buffer whose name matches
`:clo` `:on`	close this window, the others
`:find`	the file picker, as a command
`:grep` *text*	find in project, pre-filled
`:cfirst` `:clast`	first, last hit
`:cdo s/a/b/g`	substitute on every hit, and write
`:cclose`	close the list of hits

The find dialog

`↑` `↓`	move through the hits
`Enter`	open the hit, fill the list
`Ctrl`+`A`	ignore case
`Ctrl`+`W`	whole words
`Ctrl`+`R`	regular expression
`Esc`	close

In the list of hits, `Enter` goes to one.

Files and recovery

`:w` *path*	write there, and edit that
`:e`	read the file again
`:e!`	read it again, losing changes
`:recover`	bring back the crash copy
`:recover!`	throw it away
`:set ff=unix` `dos`	write LF, CRLF
`:set noeol`	no newline at the end
`:set encoding=`*name*	write in that encoding

Starting

`turbovi` *file*	where the cursor was last time
`turbovi` *file* `+42`	on line 42
`turbovi` *file* `+`*cmd*	run `:` *cmd* first
`turbovi a b`	two buffers

Insert mode and the terminal

`Tab`	indent the way the file does
arrows	move without leaving insert
a paste	always text, one `u` undoes it
a double-click	the terminal's own selection
`Ctrl`+`C`	does not quit: `:q` does