

Vim	
Buffers	
:bn / :bp	jump to next / previous buffer
:bw	close current buffer
Navigation	
set mouse=a	enable mouse
h,j,k,l	left, down, up, right
Ctrl+u / +d	half page up / down
Ctrl+f / +b	page up / down
zz / zt / zb	center / top / bottom cursor
Ctrl+E / Ctrl+Y	scroll up / down
History	
:, Ctrl+f or q:	show command history
/, Ctrl+f or q/	show search history
:set history	show or set number of history elements
g / G	go to beginning / end of file
Visual	
gv	reuse last selection
Search and Replace	
:set hlsearch	highlight search
:noh	remove current search highlight
:set incsearch	incremental search
/	initiate search
\c	ignore case
n / N	jump to next / previous match
Gn / GN	jump to first / last match
* / #	search fwd. / rev. for current word
:%s	initiate replace %: whole document
*	0 or more of the preceeding character
\+	1 or more of the preceeding character
\s / \S	white space / non white space character
\w	word character
[2-3a-z]	range of characters
^	beginning of line, negation in char ranges
\$	end of line
\L, \U	next characters lower/upper case until \E
\l, \u	next character lower/upper case
\	alternation
\(\)	capture, reuse with \1 \2 \3
\v / \V	turn magic on / off

Windows	
:split or :sp <i>file</i>	split current window horizontally
:vsplit or :vsp <i>file</i>	split current window vertically
Ctrl+ww	switch to next window
Ctrl+w h,j,k,l	switch to another window
Ctrl+w H,J,K,L	move current window
Tabs	
:tabs	list all tabs
:tabnew	open a new empty tab
:tabedit or :tabe <i>file</i>	open new tab with <i>file</i>
:tab split	open new tab with the same buffer
gt / gT	go to next / previous tab
Folding	
zi	toggle folding on / off
za	toggle folding on / off individually
zj / zk	move to next / previous folding
LaTeX Box	
\ll	compile with latexmk
\lL	force compile with latexmk
\ls	open pdf in viewer
\lt	open TOC
:cope[n]	open quickfix
:ccl[ose]	close quickfix
Bash / Shell	
List and find	
ls -lah	list long, all, human
ls -Sr / -tr	sort by size / time (r for reverse)
ls -l wc -l	count files and folders
ls -lp grep -v / wc -l	count only files
Piping and Redirecting	
> file	redirect stdout to file
>> file	redirect stdout to file (append)
2> file	redirect stderr to file
> file 2>&1	redirect stdout and stderr to file
2>&1 tee -a file	redirect stderr to stdout, pipe both to tee and write to file (-a for append)
SSH / SFTP	
ssh -YC	X11 forwarding
ssh -p <i>port</i>	specify ssh port
ssh -L <i>port:host:hostport</i>	bind local port to hostport
sftp -P <i>port</i>	specify sftp port
1.create key	

Git	
reset	unstage / unadd
reset --hard	reset everything to last commit
clean -dfx	clean working directory
checkout -- file	reset file to last committed state
checkout -b branch	create new branch branch and c.o.
2.something something submodules	
git remote	
remote -v	list remotes with url
add name url	add remote
set-url name url	change url of remote name