Vim Quick Reference

MOVEMENT

By Line
G	go to end of file
*n***G**	go to line *n*
0, $	begin, end of a line
^ or **_**	first non-blank char on line
+, -	first non-blank char on next, previous line

By Screen
Ctrl-**F**, Ctrl-**B**	scroll forward, back one full screen
Ctrl-**D**, Ctrl-**U**	scroll forward, back half a screen
Ctrl-**E**, Ctrl-**Y**	scroll screen up, down by one line
H, M, L	go to top, middle, bottom of screen
z↵, z-	position line with cursor at top / bottom
z. , zz	position line with cursor at middle

By Window
:sp(lit)	split window horizontally
:vsp(lit)	split window vertically
ctrl-ww	move cursor between windows
ctrl-w >, **ctrl-w <**	horizontally resize window
:hide	hide current window

By Buffer
:ls, **:buffers**	list buffers
:b, **<ctrl-^>**	switch between buffers
:b*n*, *n***-<ctrl-^>**	switch to buffer *n*
<ctrl-^>	buffer switch

By Character
h, j, k, l	left, down, up, right

Marking Position on Screen
m*p*	mark current position(line) as *p* (a..z)
`*p*	move to marker line *p*
'*p*	move to first char on marker line p

Miscellaneous Movement
f*m*, **F***m*, **t***m*, **T***m*	fwd, bkd to/before and after character *m*
w,W	move to next word
b, e, B, E	move to beginning, end of word
), (,]],[[, }, {	next, previous sentence, section, paragraph
%	go to matching parenthesis ( ), { }, [ ]

EDITING TEXT

Entering Text
~	toggle character case
O, o	open line to enter above, below current line
A, a	append after line, after cursor
I, i	insert before line, before cursor
r	replace character under cursor
c*m*, **cc**	change *m* characters, a line (del & ins.)
J	join end of line with next line
.	repeat last cmd of text editing
U	undo changes on current line
u	undo last command
:r *f*	insert text from external file *f* (paste a file)
:r!(shell cmd)	insert shell command output

Cut, Copy, Paste
d*m*, **dd**	delete *m* characters, the whole line
d%, **y**%	delete/yank a block of {}, [], or ()
D	delete until end of line
x, **X**	delete character under, before cursor
y*m*	yank to buffer (*m* is movement)
yy, **Y**	yank current line to buffer
p, P	paste from buffer after, before cursor
"*b***dd**, **"***b***yy**	cut, yank line to named buffer *b* (a..z)
"*b***p**	paste from named buffer *b*

Indentation
==	indent the line *correctly*
=%	indent a block of {}, [] or () *correctly*
gg=G	indent entire buffer/file *correctly*
*n***>>**, *n***>***m*	indent *n* lines (*m* is movement)
*n***<<**, *n***<***m*	un-indent left *n* lines (*m* is movement)
>%, <%	indent a block of {}, [] or ()
>'a	indent from marker 'a' to current line
:retab	correct tabs (tabs -> spaces)

Searching and Replacing
/*w*	search forward for *w*
?*w*	search backward for *w*
n, N	repeat search in same, opposite direction
:s/*old***/***new***/g**	replace all occurrences on the line
:%s/*old***/***new***/g**	replace all occurrences in file
:%s/*old***/***new***/gc**	same as above, with confirmation
&	repeat replacement operation

Miscellaneous
^G	show status
/ <ctrl-f> , **:his /**	list vi search history
:his	list vi command history
:set ft=c	set to use C-style file type

Combinations

d^, d$, dW, dw	delete to line beginning, end, Word, word
d3l, x3	delete 3 characters after cursor, inclusively
i + Ctrl-**V** + Tab insert a tab	

d2h, X2	delete 2 characters before cursor, exclusively
c^, c$, cW, cw, c3l, c2h	change (delete and insert)

Regional Copy/Paste/Delete (1)
dG, **y**G	delete/yank until end of file
d*n*G, **y***n*G	delete/yank from current line until line *n*
*n***dd**, *n***yy**	delete/yank *n* lines

dL, **y**L	delete/yank until bottom line on screen
:n,md, **:n,m**y	delete/yank from line *n* to line *m*
:n,.d, **:n,.y**	delete/yank until current line

Regional Copy/Paste/Delete (2)

(1) At region start line, type **"ma"** to set marker "a".

(2) At region end line, use **:'a,.y b** to yank the region from marker "a" to current line into buffer "b"

   Note: **'a** means from maker **"a"**, **.** means current line, **b** is buffer "b". Use **:'a,.d b** to delete region and save a copy into buffer "b".

(3) At the desired line, use **:pu b** to paste the content of buffer "b".