| move |  |  |  |
| :---: | :---: | :---: | :---: |
| $\wedge / \mathrm{g}$ | Move to $1^{\text {st }} / /$ last non-blank char |  | Back to last edit position |
| w | Move to start of next word (letter, digit and ) ------ nw | W | Move to start of next blank delimited word ------ nW |
| b/e | Move to prev_start / next_end word | B / E | Same, blank delimited word |
| fx | Move to next ' $x$ ' in the line $<, ;>, 3 f x$ | FX | Move to prev ' $x$ ' in the line <, ; > |
| tx | Jump before next ' $x$ ' in the line <, ; > | Tx | Jump till just after the prev ' x ' <, ; $>$ |
| 4j/4k | Move down 4 lines down/up | \% | Move to associated (), [], \{\} |
| (/) or $\{/ \mathrm{\}}$ | Move a sentence / para back/forward | 1G/nG/G | Move to first/nth/last line (gg - first) |
| <C-b>/ <C-f> | Go one screen back/forward (u/d, half) | H/M/L | Move to top/middle/bottom screen |
| $\mathrm{n}+/ \mathrm{n}$ - | Move up/down to start of n line | n / / n | Down to end of n line / n -1 non-blank |
| insert |  |  |  |
| i / I | Insert before cursor / line | a / A | Insert after cursor / line |
| bi/Bi | Insert before the start of word | ea/Ea | Append after the end of word |
| replace |  |  |  |
| c[n]w/W | Change (replace) to end of word | c\$ or C | Change (replace) to end of line |
| cc | Change (replace) an entire line | co/^/L/H | L/H: change till last/first screen line |
| ctx | Change all chars till next ' $x^{\prime}$ ( x not in) | cfx | Same, but include ' x ' |
| ci $\{/\} /(/) / \prime / /$ | Change contents within (cursor is in) |  |  |
| copy |  |  |  |
| yw/yW | Yank a word | ye/yE | Yank a word |
| y0/y\$ | Yank to start / end of line | yG / ynG | Yank to last line / current to nth line |
| delete |  |  |  |
| $\mathrm{nx} / \mathrm{ndw}$ | Delete n chars / n words | xp | Transpose two letters (delete\&paste) |
| 3dd | Delete three lines (3yy, yank 3 lines) | :n1,n2 d | Delete lines from n 1 to n 2 |
| D | Delete to end of line | dtC | Delete all chars until "C" |
| dnb | Delete n words backward | dG / dnG | Delete to last line / current to nth line |
| s | Delete char under cursor and start inserting in place (i.e. $x-i$ ) | S | Delete line at cursor and start inserting in place (nS, delete dward) |
| di $\left\{/ 3 /(/) / \prime /{ }^{\prime}\right.$ | Delete contents within (cursor is in) | d0 / d\$ | Delete to start / end of line |
| dtx | Delete all chars till next ' x ' ( x not in) | dfx | Same, but include ' $x$ ' |
| search |  |  |  |
| /str or ?str | Search forward / backward for 'str' | $\mathrm{n} / \mathrm{N}$ | For/backward for next/prev occurr |
| ggn | Jump to first match | GN | Jump to last match |
| :\%s/foo/bar/g | Find each occurrence of 'foo' (in all lines), and replace it with 'bar' | :s/foo/bar/g | Find each occurrence of 'foo' (only in current line), and replace it with 'bar' |
| :5,12s/foo/bar/g | Change 'foo' to 'bar' for lines5-12, inclusive |  |  |
| $\therefore$ : , \$s/foo/bar/g | Change 'foo' to 'bar' from current lines to the last line |  |  |
| $\therefore .,+2 \mathrm{~s} / \mathrm{foo} / \mathrm{bar} / \mathrm{g}$ | Change 'foo' to 'bar' for current line and next two lines |  |  |
| :g/^baz/s/foo/bar/g | Change 'foo' to 'bar' in each line starting with 'baz' |  |  |
| :\%s/foo/bar/gc | Change each 'foo' to 'bar', but ask for confirmation |  |  |
| :\%s/\<fool>/bar/gc | Change only whole words exactly matching 'foo' to 'bar' |  |  |
| others |  |  |  |
| :n1,n2 t/m n3 | Transfer lines n1 ~ n2 after line n3 | J | Join line below to the current one |
| :n1,n2 co n3 | Copy lines n1 ~ n2 to line n3 |  |  |
| :n1,n2 w file | Write lines n 1 to n 2 to another file | $\mathrm{N}<\mathrm{cmd}$ > | Repeat command N times |
| :n1,n2 w >> file | Append lines n 1 to n 2 to another file |  | Repeat previous command |
| :r file | Insert content from file at cursor | <C-n/p> | Auto completion |
| >> / << | Move current line right/left in 1 unit | = | Auto indent |
| <C-v><C-d> I\#\#[ESC] |  | Start visual block, move downward, insert \#\# to all |  |
| multi files/wins |  |  |  |
| :E | Show directory window (files opened via :E will be left opening) | :Is | List all open files |
| :buffer n | Open the file with number ' n ' | : e file | Edit another file |
| :bn/bp | Switch to next/prev file | :bl/bf | Switch to last/first file |
| : $\mathrm{He} / \mathrm{He}$ ! | Bottom/top screen to list directory | :Ve / :Ve! | Left/right screen to list directory |
| <c-w> h/j/k/l | Switch to left/up/dow/right | <c-w ${ }^{\text {c }}$ w | Switch between windows |
| :hide / :close | Close current window | :only | Keep only the current window |
| :qall | Close all windows (fail if unsaved file) | :wall | Save all modified windows |
| :wqall | Save all modified wins, close, exit vim | :qall! | Forcefully close wins, exit vim |
| :Te | Tab to browse files | gt / gT | Go to next/prev Tab |
| vim -p files | Open files in Tab mode | vim -o files | Open files in horizontally split mode |

