**vi Cheat Sheet**

Basic

|  |  |
| --- | --- |
| a | Enter insert mode. Add text to the right of the cursor. |
| A | Enter **insert mode**. Add text at the end of current line. |
| i | Enter **insert mode**. Insert text to the left of the cursor. |
| I | Enter **insert mode**. Insert text at the beginning of line. |
| o | Enter **insert mode**. Start new line below current line. |
| O | Enter **insert mode**. Start new line above current line. |
| Esc | Enter **command mode**. |
| u | Undo. |
| Ctrl + R | Redo. |

Navigating

|  |  |
| --- | --- |
| Arrow Keys | Move cursor. |
| h, j, k, l | Move cursor. Equivalent to **Arrow Keys** |
| *Words* | |
| w | Move cursor to next word (delimited by space, tabs or punctuation) |
| W | Move cursor to next word (delimited by space or tabs) |
| b | Move cursor to previous word (delimited by space, tabs or punctuation) |
| B | Move cursor to previous word (delimited by space or tabs) |
| *Line* | |
| 0 | Move cursor to beginning of current line |
| $ | Move cursor to end of current line |
| G | Go to last line of the file. |
| *<Num>* + G | Go to line with the number specified by **Num**. e.g. 3G goes to the 3rd line |
| *Screen / Page* | |
| H | Move cursor to upper-left corner of the screen |
| M | Move cursor to first character of middle line |
| L | Move cursor to lower-left corner of the screen |
| Ctrl + f | Move forward 1 page. |
| Ctrl + b | Move backward 1 page. |
| Ctrl + d | Move forward half page. |
| Ctrl + u | Move backward half page. |

Editing

|  |  |
| --- | --- |
| x | Delete the current character. |
| X | Delete the character before the cursor |
| dw | Delete word after the cursor |
| db | Delete word before the cursor |
| dd | Delete the current line |
| *Change* | |
| c$ | Erase characters from the current character to the end of the line. Enter **insert mode.** |
| c0 | Erase characters from the previous characters to the beginning of the current line. Enter **insert mode**. |
| c1 | Erase the current character. Enter **insert mode**. |
| cc | Erase the current line. Enter **insert mode**. |
| *Copy* | |
| yy | Copy the current line. |
| y) | Copy the current sentence. |
| y} | Copy the current paragraph. |
| *Paste* | |
| P | Paste before the cursor. |
| p | Paste after the cursor. |

Exiting

|  |  |
| --- | --- |
| ZZ | Save and exit. |
| :w | Save. |
| :wq | Save and exit. Equivalent to **ZZ** |
| :q | Exit. This won’t work if there is any unsaved change. |
| :q! | Exit without saving. |

Searching

|  |  |
| --- | --- |
| /*<Pattern>* | Search forward the given pattern |
| ?*<Pattern>* | Search backward the given pattern |

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