Using vim:

* 1. Vim <filename>: to open a file in vim.
  2. :q - to quit vim
  3. :q! - ignore unsaved changes and get out of vim.
  4. Press escape key to switch from insert mode.
  5. :e <filename> - to open a file from inside the vim.
  6. :w - To write(save) your changes in vim.
  7. :wq - To save changes and exit.

Movements

* 1. Use arrow keys to move top, bottom, left, right by one space.
  2. h,j,k,l - left, bottom, up, right.
  3. f <character>: moves forward **right onto** the next occurrence of the character specified.
  4. F<character>: moves back **right onto** the last occurrence of the character specified.
  5. t <character>: takes you forward just before the specified character.
  6. T<character>: takes you background just after the specified character.
  7. w : to move between words. Pressing w will move to next word.
  8. b: to move to the beginning of the previous word.
  9. e: move to the end of the current or next word.
  10. 0: takes us to far left on a line in edit mode.
  11. : 0 enter will take us to the first line of the code.
  12. $: takes us to the far right on a line in edit mode.
  13. :$ enter: will take us the end of the file
  14. \_: takes us to the first character of line.
  15. gg: takes us to the top of the file.
  16. G: takes us to the bottom of the file.
  17. {: takes us the beginning of a paragraph.
  18. }: takes us to the end of a paragraph.

Modal Vim: Vim can in a different modes when are using it. Some of these modes are:

* 1. Normal Mode: When vim is just opened. It’s a default mode for vim. We are not doing anything and there is nothing at the bottom left. We can get to this mode by press 'escape' key.
  2. Insert Mode: When we type in mode. Press 'I' to get into this mode. Press escape to get back to normal mode.
  3. Visual Mode: When we are highlighting or selecting something in vim. We press 'v' to get into visual mode. Press escape to get back.

* 1. d: is used to things.

d <w> will delete the word.

Shift d will delete the whole line.

d \_ will delete the whole line.

* 1. D: delete everything from the cursor to the end of the line.
  2. gg and dG - To move the first line and remove everything in vim.
  3. x: Delete a word under the cursor. We can continue pressing x to delete more.
  4. X: delete a word before the cursor.
  5. s: Start substituting the character under the cursor. Moves you to insert mode.
  6. S: clear the line and start at the far left edge.
  7. a: i starts type after the character I'm on. And 'a' will start typing before the character I'm on.
  8. o: takes us into the insert mode but in a new line.
  9. O: takes us into the insert mode but on a line before.
  10. ci - change inside

ci' - to change inside quotes

ci( to change inside parantheses.

* 1. Di - delete around.

Di) delete around parantheses

* 1. :sp <filename>: to split screen vertically
  2. :vs <filename>: to split screen horizontally.
  3. :b <buffer name or number>: buffer is a recently opened file. Using this command we can open a recently opened file.
  4. :ls : show the list of buffers.
  5. :1,$d - to delete all the data in file in vim.
  6. : Line number to navigate to a line.

Things to do in Vim:

1 - code folding.

2 - Adding PEP 8 rules.

3 - adding different settings for different file types.

4 - Flag unnecessary whitespace.

5 - adding utf 8 support.

6 - Youcompleteme autocomplete plugin.

7 - Adding virtual\_evn support.

8 - Checking syntax with vim.

9 - Adding Color scheme.

10 - File browsing.

11 - Searching in Vim

12 Line numbers on side of vim

13 Gt integration.

14 - Adding power line for status.

:%\*y

Swap files:

* + What are these?
  + How to close them?

NerdTree commands:

* + Set map to open nerd tree quickly.

2. ctr+w (twice) to move between nerd tree explorer and actual files.

3. 'm' to open nerd tree menu to add/delete directories and files.

* + Tabs - Press 't' over the file name.
  + G + t to switch between tabs

Terminal commands:

Alt+<tabnumber> to switch between tabs

ESP GA to move to the end of the line or Ctrl + End

s