Notes 4/12/19

Regular Expressions

* AKA Regex or Regexes
* Not a programming language
* Not a markup syntax
  + Like html. Md, etc
* Instead, they are a set of characters that describes a “certain amount of text”
  + “certain amount of text” = a regex *pattern*
* Searches for literal characters in input text
  + Special characters (metacharacters) are not characters themselves that can be searched for like: ) . / and so on
  + Some special characters have more than one meaning depending on where they are in your pattern
    - Others still interact with other special characters
  + To search for the metacharacters themselves, use the \
    - Ex: \. Will search for the period in the text rather than to the operation denoted by the period
* Character sets
  + [character set] will look for the characters separately, not as a group of chars
  + [position 1 in pattern] [positions 2…] [position 3…] ….

Example so far: (matches are highlighted)

Can do an integer set with [0-9]

|  |
| --- |
| 7\.[67][0-9] |
| 7.67, 7.66, 7.89, 7.77 |

Literal characters: (upper and lower case letters, digits)

Special chars: . [] ^ + $ \

Character sets: [abz13]

Ranges [a-z], [0-9]