Angular JS Notes

* Library
* JavaScript framework
  + Change the way you right your application
  + Follow standards
  + Templates, filters, etc.
  + You do things a certain way
* For creating Single Page Applications
  + Faster – loads only the content you need
  + Partial – different pages (loading different pieces of conetent. Not actually loading different pages)
* With a heart of JavaScript
* Excellent templating engine
  + Lets you write HTML templates with special tags
  + Does not make you build templates separately
    - Part of your HTML
* Handles DOM masterfully (DOM = Document Object Model)
  + Makes interacting and pulling data easy
* Live updating

-File include in the document folder

-In HTML – script tag – specify the location of the angular JS file

-Creating a bunch of JavaScript elements that you can use HTML file but also in JavaScript

-Agular JS parses the HMTL for you

Angular JS breaks up DOM manipulation into a model view controller

XHR – Asynchronous request, real time, it doesn’t matter where you are it allows you to keep moving on with the code

MVC – Model View Controller

Model: data and the rules that allow access to how you are going to update the data, Python backend, how are you going to pull the request from the API

View: Takes the Model’s information and displays it, specifies how it should be presented

Controller: Interactions that happen between the user and the view translated for the model to perform

Model – sets of the structure

Views and controllers

Controllers – handles passing all the information and between the views

JavaScript Notes

Html elements

Select specific objects from HTML

DOM – Document Object Model

Html note

Authofocus – when you load a page, it goes to the search bar