Day 15 Revisit

- HTML – Hyper Text Markup Langauage
- Protocol
- Client – Server Technology (Request & Response Object)
- HTML is case and space in-sensitive
- It's very easy and friendly lang(Tag based)
- All HTML tags are pre-defined
- Element
- Attribute
- Events
- Event Handlers
- CSS, Selectors
- Tag, Class, ID
- Inline, Internal, External CSS
- DOM – Document Object Model
- Document.getElementById()
- DOM – Tree like Data structure created by the browser for each html page.
- Bootstrap

Day 16 Agenda

- Introduction to JavaScript
  - Introduction to JavaScript language
  - Using Script tag
  - Inserting Java Script into tags
  - Linking Java Script from separate files
  - JavaScript expression and Operators
  - Defining and naming variables
  - Data Types
  - Expression
  - Working with es6 standards
  - Returning values from functions
- Intro to AJAX
- Functional Programming
- ES6 Features (call, Async, await)
- JQuery introduction

https://medium.com/@saumya.ranjan/how-to-write-a-readme-md-file-markdown-file-20cb7cbcd6f#id_token=eyJhbGciOiJSUzI1NiIsImtpZCI6ImY1ZjRiZjQ2ZTUyYjMxZDliNjI0OWY3MzA5YWQwMzM4NDAwNjgwY2QiLCJ0eXAiOiJKV1QifQ.eyJpc3MiOiJodHRwczovL2FjY291bnRzLmdvb2dsZS5jb20iLCJhenAiOiIyMTYyOTYwMzU4MzQtazFrNnFlMDYwczJ0cDJhMmphbTRsamRjXMwMHN0dGcuYXBwcy5nb29nbGV1c2VyY29udGVudC5jb20iLCJhdWQiOiIyMTYyOTYwMzU4MzQtazFrNnFlMDYwczJ0cDJhMmphbTRsamRjXMwMHN0dGcuYXBwcy5nb29nbGV1c2VyY29udGVudC5jb20iLCJzdWIiOiIxMTAy

MzkyMTg3NTk2ODg0NTQ2MTQiLCJlbWFpbCI6InN5c2thbnRlY2hub3NvZnRAZ21haWwuY29tIiwiZW1haWxfdmVyaWZpZWQiOnRydWUsIm5iZiI6MTY5ODk3OTAyNywibmFtZSI6IlN5cyBLYW4iLCJwaWN0dXJlIjoiaHR0cHM6Ly9saDMuZ29vZ2xldXNlcmNvbnRlbnQuY29tL2EvQUNnOG9jS3IyYjVINHhkM1lUeUFFEZ08zdXFva1lPNGE0NTRkWEs0ZHphaNG1LeGlwPXM5Ni1jIiwiZ2l2ZW5fbmFtZSI6IlN5cyIsImZhbWlseV9uYW1lIjoiS2FuIiwibG9jYWxlIjoiZW4iLCJpYXQiOjE2OTg5NzkzMjcsImV4cCI6MTY5ODk4MjkyNywianRpIjoiMTQwOWJlZmRmYzExY2Y2NTk1OTkwNjI5NGI1ZDhlMzQxYmY4N2M2NiJ9.HwkePadg23GX0RWhetVs0VI7sUUlb6D-QkzQo7ZzT0326X-MKl9zr6Hm1E7kRiwcF_ohL4sUr2pqsdo7ZfbI5XpgeNc-ib_9Fex73R778Ydu-nhnWVHcCOzY1HTdlg3Vf0D3UKYQ2y6fjJfUHW_qgSGQvNJsFqq5fTQvIo6Y8QqAzjE4aBqfphbDzH3_dyK0nW8RFi4AfwJZGuzEiNeby12C5p1HTcSV5jgRpo8sPA9gspeUaTaUTne1ZJ6FXvKYdNDSQGYlAO9qUTqlrkpBGOqNGX4PYCzX20uzPJwogaQOd8If1ZVdRc1ZazZ7GF01bSfcC1lX0WuqTDCjbLA_Kg

POM.xml → Springboot version < 3

```
<dependency>
   <groupId>io.springfox</groupId>
   <artifactId>springfox-swagger-ui</artifactId>
   <version>2.10.5</version>
</dependency>
```

```
<dependency>
          <groupId>io.springfox</groupId>
          <artifactId>springfox-swagger2</artifactId>
          <version>2.9.2</version>
   </dependency>
   <dependency>
          <groupId>io.springfox</groupId>
          <artifactId>springfox-swagger-ui</artifactId>
          <version>2.9.2</version>
   </dependency>
```

JAVA Script is a Multi Aspect (Object Oriented, Object Based, Functional Programming, Reactive Programming), loosely typed/dynamically typed (No need to specify the variable type upfront), general purpose programming lang.

JS was the Prog Lang of web.

DOM Manipulation & Validations

ES – ECMA Script

ECMA – European Computer Manufacturing Association

Scope of a variable -

Variable var, let, const

Data types

JS is a case sensitive lang.

String – "Normal", 'Normal' , `Multi line

String`

Emp = {id:5,name:"TEST",email:"test@gmail.com" }

JSON Object ➔

Emp = {"id":5,"name":"TEST","email":"test@gmail.com" }

AJAX = Async JavaScript And XML (XMLHttpRequest)