**HTML Crash Course**

**HTML Basics Overview**

**HTML Basic Structure**

* !DOCTYPE to inform that this file is a HTML file
* Head contains metadata and links
* Body contains the elements you see on the page

**HTML Basic Tagging**

* <h1> For heading 1
* <p> For paragraph
* <strong> For bold
* <em> For italics

**HTML Lists**

* <ol> For ordered list, <ul> for unordered list
  + <li> For list

**Divs and Spans with HTML**

* Allows us to segment portions of our HTML.
  + div is used to format multiple divs at the same time
  + spam is used to do formatting inside a paragraph

**HTML Attributes**

* <img> For loading images from the web or locally
  + Alt stands for alternative, which is an alternative in case src fails
* <a> For linking to a website or local web pages

**HTML Assessment Exercise One**

**HTML Assessment Exercise Solution**

**Forms Basics**

* <input>
  + Type: the type of box you get
  + Name: identifier of the field
  + Value: shows in the box
  + Placeholder: shows faded in the box
* <form>
  + Action: where should I go to after filling the form
  + Method: GET, POST…

**Forms Labels**

* <label>
* <br>
* Two methods of submitting the form information
  + GET: sends back the information to the *action* URL
  + POST: submits data to be processed (we’ll use in databases)

**Forms Selections**

* <select>
  + <option>
* <textarea>

**HTML Assessment Exercise Two**

**HTML Assessment Exercise Two Solution**

**CSS Crash Course**

**Introduction to CSS**

**CSS Part One – Basic Tag Styling**

* <link>
* h1 {
  + color: blue;
  + color: rgb(30, 200, 20);
  + color: #eab01c;
  + color: rgba(13, 90, 140, 0);

**CSS Part Two – Backgrounds and Borders**

* body {
  + background: url()
  + background-repeat: no-repeat
* div {
  + border: orange;
  + border-width: 2px;
  + border-style: solid;

**CSS Part Three – Classes and Ids**

* ids should be used for unique elements (use #)
* classes should be used for multiple elements (use .)
* <div class="firstDiv">
  + .firstDiv{
* <p id=”singleout”>
  + #singleout{

**CSS Part Four – Inspecting Elements in the Browser**

**CSS Part Five – Fonts**

* font-family: Consolas;
* font-size: 20px;
* font-weight: bold;
* font-style: italic;
* text-align: center

**CSS Crash Course – Assessment Exercise**

**CSS Crash Course – Assessment Exercise Solutions**

**Bootstrap 4 Crash Course**

**Bootstrap 4 Overview**

* Bootstrap is a large CSS and JS file which has a lot of components that you can incorporate into your web applications

**Bootstrap Part One – Buttons**

* class=“container”
* class=”btn btn-secondary”
* class=”jumbotron”

**Bootstrap Part 2 – Forms**

**Bootstrap Part Three – Navbar**

**Bootstrap Project Overview**

**Bootstrap Project Solutions**