Review of Basic Web Technologies

HTML

HyperText Markup Language (not a programming language)

Tag-based syntax (tags look like this: <tag></tag>)

Every opening tag must be eventually closed by a closing tag

Determines the format of the page

Foundation of every website

Must have **solid** and good HTML before moving on

Validate your HTML with an online validator such as https://validator.w3.org/

CSS

Cascading Style Sheets

Stylizes the otherwise boring HTML

Syntax:

selector {

    property: value;

}

Selectors determine which elements the property-value pairs are applied to

One of the best resources: https://developer.mozilla.org/en-US/docs/Web/CSS/Reference

JavaScript

~The~ programming language of the web

Adds live action and interactivity to your webpages

Compiled within the browser… that means that code *may* behave differently in different browsers - be sure to test your code in at least Chrome and Firefox, Safari if you can as well

Very loose and flexible language, so there is less hand holding than a stricter language but more possibilities

Main topic of this course, so we will work into it a little slowly at first

MDN reference starting page: https://developer.mozilla.org/en-US/docs/Web/JavaScript