

Tuesday

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HTML - Hyper Text Markup Language

- Used for creating the structure of web pages
- Tags
 - html - root tag
 - head - contains metadata about the document
 - style - can be used for internal styling
 - link - used to link external css
 - script - can contain internal scripts or a src for external scripts
 - body - it is required and contains the main content
 - div - generic container, has no real meaning kind of like a blank canvas
 - form - usually used to contain user inputted data for submission
 - input - allows input from a user
 - text
 - password
 - date
 - radio
 - number
 - p - paragraph tag
 - h1-6 - ranked headings h1 being largest and h6 being smallest
 - table - used to create a table
 - tr - table row
 - th - table heading
 - td - table data

CSS - Cascading style sheets

- Used for styling html
- . Is used to select class and # is used to select id

```
<div class="class-name" id="unique-identifier"></div>
```

Bootstrap

- Very popular html, css, and js framework for building responsive websites
- Built in styles for existing elements
- Built in classes for premade styling and functionality

Bootstrap grid

- system used for layout design
- Rows are made up of 12 units
- Tags
 - container - surrounds the grid you are defining
 - row - creates a row in the grid
 - col - creates a column within the row

Responsive web design - designing a web page so that it works on any platform and any screen size.