HTML Tags

* <html>
  + Everything is contained in here
* <title>
  + Title of page
  + Appears in tab at top of browser
* <head>
  + Is header of html file
  + Metadata and stuff not shown on page
* <body>
  + Stuff shown on page
* <h1><h2>…<h6>
  + Heading tags
  + Bigger number, smaller priority so smaller font
* <strong>
  + **Bold**
  + Replaces deprecated <b>
* <em>
  + *Italics*
  + Replaces deprecated <i>
* <ol>
  + Ordered list
* <ul>
  + Unordered list
* <li>
  + List item
  + Must be contained in <ul> or <ol>
* <div>
  + Containerize elements block level
* <span>
  + Containerize elements inline
* <img>
  + Display image
  + Self-enclosed tag (so no closing tag)
  + Can change width of image. Syntax: <img width=”50” src=”source”>
* <a>
  + Anchor tag
  + Used to create links to other URLs or local html files
* Table Elements
  + <table>
    - Used to create tables
    - Needs <tr12>
    - Can have border. Syntax: <table border=”1”>
  + <tr>
    - Table row
    - To be used in <table>
  + <td>
    - Table data
    - To be used in <tr>
  + <thead>
    - Used to wrap contents of table head
    - Does not change anything on page, just for organization
  + <tbody>
    - Used to wrap contents of table body
    - Does not change anything on page, just for organization
* Forms
  + <input>
    - Used to take input from user on page
    - Many types for input. Can be found [here](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/input)
    - Use required attribute to require something for input
    - id attribute is to set id of individual input
    - name attribute is to associate input with some output name
      * for instance if you have two radio inputs for male/female they would both have the same input name (name=”gender”)
  + <form>
    - Used to containerize multiple inputs to send together
    - Use cases would be username/password combo
    - Action is used for where to send data
    - Method is used for HTTP Request method (GET/POST)
    - Syntax: <form action=”someaction” method=”GET”>
  + <label>
    - Used to label inputs
    - Use for attribute in label and id attribute in input to associate form and label
      * Syntax:
        + <label for="username">Username:</label>
        + <input id="username" type="text" name="username" value="" placeholder="username">
    - Instead of using for attribute you can nest an input in label
      * Syntax
        + <label>

Email:

<input type=”email” name=”email” value=”” placeholder=”youremail”>

* + - * + </label>s
  + <select>
    - Create drop down list of options to select from
  + <textarea>
    - Similar to <input type=”text”> except to accept text that is long (e.g. bio, resume)