Class on HTML Forms March 30, 2018

***In Sublime Text:***

**HTML input types <input type= “*type\_name*”>**

* Text
  + Must specify an ID
  + default width is 20 characters; change with *size* attribute, in characters
  + *placeholder* vs *value*
* Radio
  + *label* attribute allows you to click on the label not just the button
  + However, you must specify both *for=“chooseBlue”* AND *id=“chooseBlue”* for each pair
  + *checked* can be used to pre-select
* Submit
  + You can customize the text, and some attributes (e.g. *background-color*)
  + *<button>* element allows more styling, and adds button types
* Checkbox
* Password
* Color (HTML5)
* Date (HTML5)
* Email (HTML5)

**<select> element (i.e. a drop-down)**

* + must specify a *value* attribute for each *<option>*, separate from display text
  + must specify a *name* attribute for *<select>* tag
  + optional: add *multiple* and *size* attributes to use Control key to select multiple drop-down values

**<textarea> element**

* requires e.g. *rows=“10”* and *cols=”20”* for proper display
* the *value* (i.e. text to be submitted) can go between *<textarea>* and *</textarea>*

**<button> element**

* Can be *type=“button”, type=“submit”*, or *type=“reset”*
* *<button>* can be styled in CSS, while *<input type=“submit”>* cannot

Specify this *action* in your <form> and W3Schools sends back a human-readable response:  
<form action="https://www.w3schools.com/action\_page.php">

**Bootstrap library for your Form**

What is a library?

* Navigate to getbootstrap.com
* Choose “Download” button. Under “Compiled CSS and JS,” choose “Download.”
* Save it to the Downloads folder, and Extract the file *“bootstrap-4.0.0-dist”*
* Inside the *bootstrap-4.0.0-dist* folder, open the *css* folder. Open *bootstrap.css* in Sublime Text.

How popular is Bootstrap?

* Navigate to github.com/topics/bootstrap (and later foundation.zurb.com)
* See how many “stars” there are on GitHub – this is a rough metric for how popular a given repository is among developers. Anything over maybe 2,000 stars is pretty great.
* You can also search for a name, like “foundation” and see how many stars it gets.

Let’s add Bootstrap to a form

*<div class= “form-row”>*

*<div class= “form-group col-md-2”>*

*<label for= “label\_name”>Label Name</label>*

*<input class= “form-control” id= “label\_name”…>*

*</div>*

*</div>*