Forms & Plugins

GENERAL ASSEMBLY

Learning Objectives

- **Explain** HTTP methods
- **Use** form, label, input and textarea tags
- **Utilise** common attributes in forms
- **Create** a contact form
- **Implement** smooth scroll
- **Implement** an image carousel

Agenda

- Review
- Forms
  - Formspree
- Image Carousel
  - Owl Carousel
- Smooth Scroll
  - CSS Tricks

Assignments!

3 weeks away!

Review

Forms

GENERAL ASSEMBLY

What are they?

- A way to receive information from the user
  - All sorts of information: text, color, date etc.
- Typically requires a back-end to handle the submission of the form (this will help us today)
- Made up of things like:
  - Input
  - Label
  - Textarea

Form

```html
<form method="URL" action="HTTP_METHOD">

    <!-- INPUTS GO HERE -->

</form>
```

- Method
  - A URL (can point at your website, or another website)
- Action
  - An HTTP Method

HTTP Methods

- GET
- POST
- PUT
- PATCH
- DELETE
- etc.

Input

```
<input type="text">
```

- The primary way of getting user information to the server
- Lots of <u>different types</u>
    - email
    - password
    - range
    - date

Input

```
<input type="text" placeholder="Some info here">
```

- Placeholder is the greyed out text in an input box
- Guidance that disappears when the user starts interacting with the input

Input

```
<input
    type="text"
    placeholder="Some info here"
    value="Default value goes here">
```

- Value is the default text in an input

Input

```
<input
    type="text"
    placeholder="Some info here"
    value="Default value goes here"
    required="true">
```

- The form won't submit without this being filled in

Input

```html
<input
    type="text"
    placeholder="Some info here"
    value="Default value goes here"
    required="true"
    name="INFO_FOR_SERVER">
```

- The name is how the information is accessible on the back-end
- If you want the data to be sent to the back-end, it must have a name attribute

Labels

```
<label for="email">Email:</label>
<input type="email" id="email" placeholder="Email">
```

- Corresponds to a particular input tag (for attribute must match with ID attribute)
- If you click the label, it will place your cursor in the input
- Doesn't disappear like the placeholder

Dropdowns

```html
<select name="marxBrother">

    <option value="groucho">Groucho</option>
    <option value="harpo">Harpo</option>
    <option value="zeppo">Zeppo</option>

</select>
```

Exercise!

- Use a radio element on the page
- Use a checkbox element on the page

Lab Time!

FormSpree.io

Download this, please!

jQuery Plugins

What are they?

- Very similar to JavaScript libraries
  - They are someone else's code, designed to accomplish some purpose
  - A jQuery plugin extends what jQuery already has available

The process...

- Download all files (ideally into a vendor folder)
- Include all necessary CSS and JS

    - Make sure their JavaScript file is included after jQuery, but before your file

- Read the documentation
- Implement!

Every Plugin (and library) has a slightly different process of including it - read as much as possible before you start!

Owl Carousel

Smooth Scroll

Homework

- Your project!

Q & A

Feedback Time

Lesson 15: **Forms and jQuery Plugins**

https://ga.co/fewd32syd

Thanks!