**LEARN HTML: FORMS**

**Forms Review**

Nice work interacting with the extremely common and useful <form>element!

In this lesson we went over:

* The purpose of a <form> is to allow users to input information and send it.
* The <form>‘s action attribute determines where the form’s information goes.
* The <form>‘s method attribute determines how the information is sent and processed.
* To add fields for users to input information we use the <input>element and set the type attribute to a field of our choosing:
  + Setting type to "text" creates a single row field for text input.
  + Setting type to "password" creates a single row field that censors text input.
  + Setting type to "number" creates a single row field for number input.
  + Setting type to "range" creates a slider to select from a range of numbers.
  + Setting type to "checkbox" creates a single checkbox which can be paired with other checkboxes.
  + Setting type to "radio" creates a radio button that can be paired with other radio buttons.
  + Setting type to "list" will pair the <input> with a <datalist>element.
  + Setting type to "submit" creates a submit button.
* A <select> element is populated with <option> elements and renders a dropdown list selection.
* A <datalist> element is populated with <option> elements and works with an <input> to search through choices.
* A <textarea> element is a text input field that has a customizable area.
* When a <form> is submitted, the name of the fields that accept input and the value of those fields are sent as name=value pairs.

Using the <form> element in conjunction with the other elements listed above allows us to create sites that take in consideration the wants and needs of our users. Take the opportunity to take what you’ve learned and apply it!

**Instructions**

If you want to challenge yourself:

* Create a form with multiple fields that accept user input.
* Add two separate sets of radio buttons or checkboxes.
* Search how to add *placeholder* (hint hint) to an input field. A placeholder shows ups when the field has no value, it disappears after the user types or selects something in the field.

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<meta charset="utf-8">

<link rel="stylesheet" type="text/css" href="style.css">

<link href="https://fonts.googleapis.com/css?family=Rubik" rel="stylesheet">

<title>Forms Review</title>

</head>

<body>

<section id="overlay">

<img src="https://s3.amazonaws.com/codecademy-content/courses/web-101/unit-6/htmlcss1-img\_burger-logo.svg" alt="Davie's Burgers Logo" id="logo">

<hr>

<form action="submission.html" method="POST">

<h1>Create a burger!</h1>

<section class="protein">

<label for="patty">What type of protein would you like?</label>

<input type="text" name="patty" id="patty">

</section>

<hr>

<section class="patties">

<label for="amount">How many patties would you like?</label>

<input type="number" name="amount" id="amount">

</section>

<hr>

<section class="cooked">

<label for="doneness">How do you want your patty cooked</label>

<br>

<span>Rare</span>

<input type="range" name="doneness" id="doneness" value="3" min="1" max="5">

<span>Well-Done</span>

</section>

<hr>

<section class="toppings">

<span>What toppings would you like?</span>

<br>

<input type="checkbox" name="topping" id="lettuce" value="lettuce">

<label for="lettuce">Lettuce</label>

<input type="checkbox" name="topping" id="tomato" value="tomato">

<label for="tomato">Tomato</label>

<input type="checkbox" name="topping" id="onion" value="onion">

<label for="onion">Onion</label>

</section>

<hr>

<section class="cheesy">

<span>Would you like to add cheese?</span>

<br>

<input type="radio" name="cheese" id="yes" value="yes">

<label for="yes">Yes</label>

<input type="radio" name="cheese" id="no" value="yes">

<label for="no">No</label>

</section>

<hr>

<section class="bun-type">

<label for="bun">What type of bun would you like?</label>

<select name="bun" id="bun">

<option value="sesame">Sesame</option>

<option value="potatoe">Potato</option>

<option value="pretzel">Pretzel</option>

</select>

</section>

<hr>

<section class="sauce-selection">

<label for="sauce">What type of sauce would you like?</label>

<input list="sauces" id="sauce" name="sauce">

<datalist id="sauces">

<option value="ketchup"></option>

<option value="mayo"></option>

<option value="mustard"></option>

</datalist>

</section>

<hr>

<section class="extra-info">

<label for="extra">Anything else you want to add?</label>

<br>

<textarea id="extra" name="extra" rows="3" cols="40"></textarea>

</section>

<hr>

<section class="submission">

<input type="submit" value="Submit">

</section>

</form>

</section>

</body>

</html>