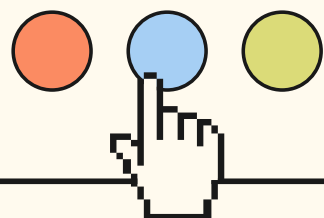




07/02/2023



FOUNDATIONS OF WEB DESIGN

CLASS 3

**HTML
Forms and
Additional
Tags**

<https://dem-1323.github.io/foundations-of-web-design/>

HTML FORMS

Basic Structure of a Form

- `<form>` define your form
- `<input>` creates fields for users to input data
- `<type>` is the specifies what kind of input

Example:

```
<form action="/submit">  
  <label for="name">Name:</label>  
  <input type="text" id="name"  
  name="name">  
  <input type="submit" value="Submit">  
</form>
```

Name:

INPUT TYPES

Different <input> types:

- text
- password
- email
- number
- date
- checkbox
- radio
- file
- submit

Example:

```
<label for="email">Email:</label>
```

```
<input type="email" id="email"  
name="email" />
```

```
<input type="checkbox"  
id="subscribe" name="subscribe" />
```

Email:

☐

TEXTAREA TAG

<textarea> Tag

- **Used for multi-line text input**

Example:

```
<textarea id="message"
name="message">Additional
notes:</textarea>
```

Additional notes:

SELECT TAG

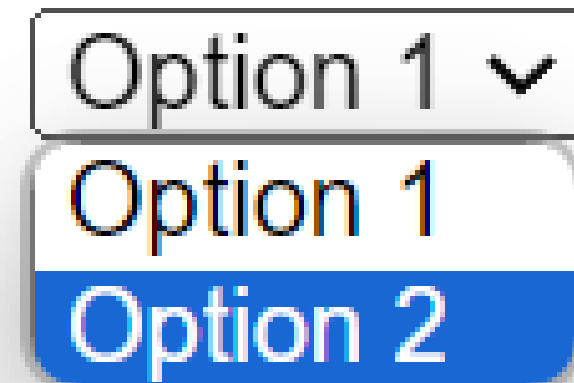
<select> Tag

- **Creates a dropdown list**

Example:

```
<label for="options">Select an  
Option:<br></label>  
<select id="options" name="options">  
  <option value="1">Option 1</option>  
  <option value="2">Option 2</option>  
</select>
```

Select an Option:



Option 1 ▼

Option 1

Option 2

FIELDSET TAG

<fieldset> Tag

- **Groups related items**
- **Makes form easier to read and navigate**

Example:

```
<fieldset>
  <legend>Personal Information</legend>
  <label for="name">Name:</label>
  <input type="text" id="name" name="name">
  <br><br>
  <label for="email">Email:</label>
  <input type="email" id="email" name="email">
</fieldset>
```

Personal Information

Name:

Email:

VALIDATION

Form Validation

- required, minlength, maxlength, pattern, type

Accessibility

- Use aria-label, aria-describedby

Example:

```
<input placeholder="email" type="email"
required>
<button aria-label="Close">X</button>
```



HTML TABLES

Used to organize data

Basic Structure of a Table

- **<table>**: Defines the table
- **<tr>**: Defines a row
- **<th>**: Defines a header cell
- **<td>**: Defines a data cell

Example:

```
<table>
<tr>
  <th>Header 1</th> <th>Header 2</th>
</tr>
<tr>
  <td>Data 1</td> <td>Data 2</td>
</tr>
</table>
```

Header 1	Header 2
Data 1	Data 2

You can use the **rowspan** and **colspan** attributes to merges cells:

```
<th rowspan="2">
  Header 1
</th>
```


CREATE A SIMPLE CONTACT FORM

Create a simple contact form:

- required name input box
- required email input box
- textarea input
- submit button

Name:

Email:

message

Submit

COMPLETE CLASS EXERCISE 3

GO TO COURSE WEBSITE:

- Click on Class Exercises
- Click **Class Exercise 3** in Week 2 Section

FOLLOW THE INSTRUCTIONS:

- **Download** starter_code.zip
- Unzip the folder and get started with your HTML file

Foundations of Web Design

Home | Course Info | Class Slides | **Class Exercises** | Projects | Resources



Class Exercise 3:

Creating an HTML Form with additional elements and a table

Goal:

Create an HTML form with various input types, including textarea, select, and fieldset, with a table.

Instructions:

Download [starter_code03.zip](#):

- Unzip the folder and get started with your HTML file

Create a New HTML File:

- In your "Foundations of Web Design" folder, create a new folder named "Week 2".
- Open your "Week 2" folder, and create a new folder named "CE03".
- Open your "CE03" folder and create an HTML file named "CE03.html".

Basic HTML Structure:

- Open your "CE03.html" file.
- Copy the following basic HTML structure into the file:

COMPLETE CLASS EXERCISE 3 CONT.

**CREATE AN HTML FORM WITH
VARIOUS INPUT TYPES,
INCLUDING:**

- textarea
- select
- fieldset
- table

Sign Up Form

Personal Information

First Name:

Last Name:

Email:

Date of Birth:

Other Information

Pick a Pizza Style:

Comments:

Submit

Pizza Toppings

Sauce	Meats	Veggies
Tomato	Pepperoni	Onion
Alfredo	Bacon	Peppers
Buffalo	Sausage	Spinach