**Additional HTML Elements: HTML <fieldset> and <legend>**

Estimated time needed: **35** minutes

**Special HTML Elements**

In this section, you will explore two tags found within the <form> tag, namely the **<fieldset>** and **<legend>** tags.

**Objectives**

After completing this reading section, you will be able to:

1. Use the **<fieldset>** tag appropriately in HTML pages
2. Use the **<legend>** tag to decorate your fieldset

**HTML fieldset tag**

* The HTML **<fieldset>** tag is found within the **<form>** tag and is used to group related elements in an HTML form, often by enclosing them within a box.
* There is no restriction to the kind of elements that can be inside a fieldset, but they are mostly used to group related input type of elements, as shown in the example below.
* The fieldset element is especially useful in large forms, where readability and ease of access can be improved with segmentation. Browsers will most likely render a frame around the grouped controls.

**Syntax**

<fieldset> Contents… </fieldset>

**Attributes**

1. **disabled**: It specifies that the elements belonging to the fieldset should be disabled.
2. **form**: It specifies the id of the form that the fieldset is to be considered a part of.
3. **name**: It specifies the name for the fieldset.

**Example**

In the first example we will create a form with two fieldsets separating personal and professional details:

1. <!DOCTYPE html>
2. <html>
3. <body>
4. <h1>The fieldset element</h1>
5. <form>
6. <fieldset name="personal\_details">
7. <label for="fname">First name:</label>
8. <input type="text" id="fname" name="fname"><br>
9. <label for="lname">Last name:</label>
10. <input type="text" id="lname" name="lname"><br>
11. <label for="email">Email:</label>
12. <input type="email" id="email" name="email"><br>
13. <label for="phone">Phone Number:</label>
14. <input type="tel" id="phone" name="phone"><br>
15. </fieldset>
16. <br>
18. <fieldset name="professional\_details">
19. <label for="occupation">Occupation:</label>
20. <input type="text" id="occupation" name="occupation"><br>
21. <label for="company">Company:</label>
22. <input type="text" id="company" name="company"><br>
23. <label for="start">Start Date:</label>
24. <input type="date" id="start" name="start"><br>
25. <label for="end">End Date:</label>
26. <input type="date" id="end" name="end"><br>
27. </fieldset>
28. <br>
29. <input type="submit" value="Submit">
30. </form>
31. </body>
32. </html>

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**Output**

A screenshot of a computer

Description automatically generated

**HTML legend tag**

A **fieldset** can additionally have a title or name, which can be provided by **legend**.  
The **<legend>** tag is used with the **<fieldset>** element as a first child (the first inner tag) to define the caption for the grouped related fields  
By using the **<legend>** tag with **<fieldset>** elements, it is easy to understand the purpose of grouped form elements.

**Example**

To understand the **<legend>** tag, let’s add this tag to the above example and see the output:

1. <!DOCTYPE html>
2. <html>
3. <body>
4. <h1>The fieldset element</h1>
5. <form>
6. <fieldset name="personal\_details">
7. <legend>Personal Details</legend>
8. <label for="fname">First name:</label>
9. <input type="text" id="fname" name="fname"><br>
10. <label for="lname">Last name:</label>
11. <input type="text" id="lname" name="lname"><br>
12. <label for="email">Email:</label>
13. <input type="email" id="email" name="email"><br>
14. <label for="phone">Phone Number:</label>
15. <input type="tel" id="phone" name="phone"><br>
16. </fieldset>
17. <br>
18. <fieldset name="professional\_details">
19. <legend>Professional Details</legend>
20. <label for="occupation">Occupation:</label>
21. <input type="text" id="occupation" name="occupation"><br>
22. <label for="company">Company:</label>
23. <input type="text" id="company" name="company"><br>
24. <label for="start">Start Date:</label>
25. <input type="date" id="start" name="start"><br>
26. <label for="end">End Date:</label>
27. <input type="date" id="end" name="end"><br>
28. </fieldset>
29. <br>
30. <input type="submit" value="Submit">
31. </form>
32. </body>
33. </html>

Copied!

**Output**

A screenshot of a computer

Description automatically generated

**Congratulations! You have completed the exercise.**

**Author(s)**

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