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

Skills Network

Special HTML Elements

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

Duration: 15 minutes

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.  1
2.  2
3.  3
4.  4
5.  5
6.  6
7.  7
8.  8
9.  9
10. 10
11. 11
12. 12
13. 13
14. 14
15. 15
16. 16
17. 17
18. 18
19. 19
20. 20
21. 21
22. 22
23. 23
24. 24
25. 25
26. 26
27. 27
28. 28
29. 29
30. 30
31. 31
32. 32
33. 33
34. 34
```

```
1.  <!DOCTYPE html>
2.  <html>
3.      <body>
4.          <h1>The fieldset element</h1>
5.
6.          <form>
7.              <fieldset name="personal_details">
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.
18.                <br>
19.
20.                <fieldset name="professional_details">
21.                    <label for="occupation">Occupation:</label>
22.                    <input type="text" id="occupation" name="occupation"><br>
23.                    <label for="company">Company:</label>
24.                    <input type="text" id="company" name="company"><br>
25.                    <label for="start">Start Date:</label>
26.                    <input type="date" id="start" name="start"><br>
27.                    <label for="end">End Date:</label>
28.                    <input type="date" id="end" name="end"><br>
29.                </fieldset>
30.                <br>
31.                <input type="submit" value="Submit">
32.            </form>
33.        </body>
34. </html>
```

Copied!

Output

The fieldset element

First name:	
Last name:	
Email:	
Phone Number:	

Occupation:	
Company:	
Start Date:	yyyy-mm-dd
End Date:	yyyy-mm-dd

Submit

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.  1
2.  2
3.  3
4.  4
5.  5
6.  6
7.  7
8.  8
9.  9
10. 10
11. 11
12. 12
13. 13
14. 14
15. 15
16. 16
17. 17
18. 18
19. 19
20. 20
21. 21
22. 22
23. 23
24. 24
25. 25
26. 26
27. 27
28. 28
29. 29
30. 30
31. 31
32. 32
33. 33
34. 34
35. 35
36. 36
37. 37
38. 38
```

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

Copied!

Output

The fieldset element

```
┌─ Personal Details ──────────────────────────────────────────────────────┐
│                                                                            │
│  First name:  [                    ]                                       │
│  Last name:   [                    ]                                       │
│  Email:       [                 ]                                          │
│  Phone Number: [                      ]                                    │
│                                                                            │
└────────────────────────────────────────────────────────────────────────┘
```

```
┌─ Professional Details ──────────────────────────────────────────────────┐
│                                                                            │
│  Occupation:  [                      ]                                     │
│  Company:     [                    ]                                       │
│  Start Date:  [ yyyy-mm-dd    📅 ]                                         │
│  End Date:    [ yyyy-mm-dd    📅 ]                                         │
│                                                                            │
└────────────────────────────────────────────────────────────────────────┘
```

[Submit]

Congratulations! You have completed the exercise.

Author(s)

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Changelog

Date	Version	Changed by	Change Description
2021-08-31	1.0	Sourabh	Initial version created based
2022-10-13	1.1	Michelle Saltoun	Modifications to code examples