Day 4: HTML Tables

Date: 10-06-24

---

1. HTML Table Elements:

- **Table (<table>):**

    - The <table> tag defines an HTML table.

    - Example:

- ☐

- <table>

- <!-- table content goes here -->

- </table>

☐ **Table Row (<tr>):**

- The <tr> tag defines a row in a table.

- Example:

- ☐

- <tr>

- <!-- table cells go here -->

- </tr>

☐ **Table Header (<th>):**

- The <th> tag defines a header cell in a table.

- Header cells are bold and centered by default.

- Example:

- ☐

- <th>Header</th>

☐ **Table Data (<td>):**

- The <td> tag defines a standard data cell in a table.

- Example:

- ☐

- <td>Data</td>

☐ **Table Caption (<caption>):**

- The <caption> tag defines a table caption.

- Example:

-

  - <caption>Table Caption</caption>

  -

2. HTML Table Attributes:

- **Border:**

  - Adds a border around the table and its cells.

  - Example:

-

- <table border="1">

- <!-- table content goes here -->

- </table>

Cell Padding:

- Specifies the space between the cell content and its borders.

- Example:

-

- <table cellpadding="10">

- <!-- table content goes here -->

- </table>

Cell Spacing:

- Specifies the space between cells.

- Example:

-

  - <table cellspacing="5">

  - <!-- table content goes here -->

  - </table>

  -

3. Creating a Table with Data:

- **Table Structure:**

```
<table border="1" cellpadding="5" cellspacing="0">
 <caption>Student Grades</caption>
```

```
<tr>
  <th>Name</th>
  <th>Subject</th>
  <th>Grade</th>
</tr>
<tr>
  <td>John Doe</td>
  <td>Math</td>
  <td>A</td>
</tr>
<tr>
  <td>Jane Smith</td>
  <td>Science</td>
  <td>B</td>
</tr>
<tr>
  <td>Emily Johnson</td>
  <td>History</td>
  <td>A</td>
</tr>
</table>
```