

Tables - day 3

1. ` ` (Table Header Cell): |

- The ` ` tag is used to define header cells in an HTML table. Header cells typically contain labels or titles for the columns or rows of the table. |
- Header cells are rendered in bold and centred by default, making them visually distinct from regular data cells (`<td>`).
- They are usually placed in the first row (`<tr>`) of the table for column headers or in the first column for row headers.
- ` ` elements are often used to improve accessibility by associating headers with corresponding data cells, enhancing screen reader support. |

```
<table>
  <tr>
    <th>Name</th>
    <th>Age</th>
    <th>City</th>
  </tr>
  <!-- Data rows go here -->
</table>
```

2. `|` (Table Row): | |

- The `|` tag is used to define table rows within an HTML table.
| |
- Each `| | |
| --- | --- |
|` element groups a set of table cells, either ` ` (header cells) or ` ` (data cells), together horizontally. | |
- It is used to create the structure of rows in a table, and multiple `|` elements can be used to create multiple rows.
| |

```
<table>
  <tr>
    <th>Name</th>
    <th>Age</th>
    <th>City</th>
  </tr>
  <tr>
    <td>John Doe</td>
    <td>30</td>
    <td>New York</td>
  </tr>
```

```
    <!-- Additional rows go here -->
</table>
```

3. ` ` (Table Data Cell): |

- The ` ` tag is used to define data cells in an HTML table. |
- Data cells contain the actual data or content of the table and are placed within table rows (`<tr>`).
- These cells are used to display information such as text, numbers, or any other content relevant to the table.

```
<table>
  <tr>
    <th>Name</th>
    <th>Age</th>
    <th>City</th>
  </tr>
  <tr>
    <td>John Doe</td>
    <td>30</td>
    <td>New York</td>
  </tr>
  <!-- Additional rows and data cells go here -->
</table>
```

These tags are fundamental for structuring and presenting tabular data on web pages. By using ` ` for headers and ` ` for data cells within `|` elements, you can create well-organized and accessible tables that are easy to read and understand. | | | |

Practice code

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <title>HTML Table Example</title>
</head>
<body>
  <h1>Sample Table</h1>
```

```
<table border="1">
  <tr>
    <th>Name</th>
    <th>Age</th>
    <th>City</th>
  </tr>
  <tr>
    <td>John Doe</td>
    <td>30</td>
    <td>New York</td>
  </tr>
  <tr>
    <td>Jane Smith</td>
    <td>25</td>
    <td>Los Angeles</td>
  </tr>
  <tr>
    <td>Bob Johnson</td>
    <td>40</td>
    <td>Chicago</td>
  </tr>
</table>
</body>
</html>
```

OUTPUT

Sample Table

Name	Age	City
John Doe	30	New York
Jane Smith	25	Los Angeles
Bob Johnson	40	Chicago