## **TABLES**

HTML provides the , , , and elements to create tables. Tables are useful for organizing and presenting data in a structured grid format. Here's an overview of the HTML table-related elements:

# '' Element: The element is used to define a table. It acts as a container for all the other table-related elements.

# '' Element: The (table row) element is used to define a row within the table. It contains one or more (table header) or (table data) elements.

# '' Element: The (table header) element is used to define header cells within a table row. Header cells typically contain labels for columns or rows.

# '' Element: The (table data) element is used to define standard data cells within a table row. These cells contain the actual content of the table.

**# Table Structure:** Tables are structured with rows and columns. Each row () can contain a combination of header cells () and data cells (). The structure is often repeated for multiple rows.

```
Header 2

2/table>

2/table>

2/table>
```

## **#Table Attributes:**

• **'Border' Attribute:** Specifies the width of the border around the table and its cells. It is not recommended to use the border attribute for styling. CSS is preferred for styling purposes.

## Example:

```
    <!-- Table content goes here -->
```

• 'colspan' and 'rowspan' Attributes: These attributes can be used in and elements to span multiple columns or rows, respectively.

## Example:

**# Table Accessibility:** When creating tables, it's essential to consider accessibility. Use appropriate header cells () to label rows and columns, and associate data cells () with their headers for screen reader users.

Tables can be styled using CSS to enhance their visual presentation, and responsive design techniques can be applied to ensure a good user experience across different devices.