

Day 4

Lists and Tables

Understanding Lists and Tables in HTML

HTML provides tools for structuring and presenting information in lists and tables, which helps in organizing content effectively on web pages.

Lists

Unordered Lists ():

- **Purpose:** Used to display items in a list with bullet points.
- **Usage:** Ideal for lists where the order of items is not important, such as a list of ingredients or features.

Ordered Lists ():

- **Purpose:** Displays items in a list with numbered points.
- **Usage:** Suitable for sequences where the order matters, such as instructions or steps in a process.

Tables

Tables:

- **Purpose:** Used to present data in a grid format, making it easier to read and compare information.
- **Components:**
 - **<table>:** The container element for the entire table.
 - **<tr>:** Represents a row in the table.
 - **<td>:** Defines a cell in the table that holds data.
 - **<th>:** Represents a header cell, usually displayed in bold and centered.
 - **<thead>:** Groups the header content, typically including <th> elements.
 - **<tbody>:** Groups the main content of the table, containing <tr> and <td> elements.
 - **<tfoot>:** Groups footer content, often used for summaries or totals.

Usage:

- **Unordered Lists:** Best for items where sequence is not crucial.
- **Ordered Lists:** Ideal for steps or rankings where sequence is essential.

- **Tables:** Suitable for structured data that benefits from rows and columns, such as financial reports or schedules.