HTML IMAGE, LIST & TABLE

Image in HTML

Images are an essential part of web development, making websites visually appealing and engaging.

Attributes:

src: Specifies the path to the image.

alt: Provides text describing the image, improving accessibility and SEO.

width & height: Controls height and width of image on our webpage

Adding caption to our image

To add an image caption to on our webpage we use <figcaption> tag right after <img> tag and wrap <img> and <figcaption> tag in figure tag.

Example

```
<figure>
    <img src="image.jpg" alt="Alternate text" />
    <figcaption>Details or credit note of the image</figcaption>
</figure>
```

Adding Responsive Images

If we want to display one image on desktop other on tablet and another on mobile device, we use <picture> tag.

Example

```
<picture>
  <source srcset="small.jpg" media="(max-width: 600px)">
  <source srcset="medium.jpg" media="(max-width: 1200px)">
  <img src="large.jpg" alt="Responsive Image">
</picture>
```

HTML Table

HTML table provide a way to structure our data in row and column format.

Sr. No.	Employee Name	Designation	Salary
1.	Sohan	Sr. Web Developer	60,000
2	Mohan	Sr. HR	40,000
3	Geeta	Manager	80,000
Total			1,80,000

HTML Table

A table in HTML consists of :

- A table wrapper <table>

- and Table cells (<td>, <th>).

- inside Rows (<tr>).

```html
<table>
    <tr>
     <th>Employee Name</th>
     <th>Designation</th>
     <th>Salary</th>
    </tr>
    <tr>
     <td>Sohan</td>
     <td>Web Developer</td>
     <td>60,000</td>
    </tr>
    <tr>
     <td>Geeta</td>
     <td>Manager</td>
     <td>80,000</td>
    </tr>
    <tr>
     <td colspan="3">Total</td>
     <td>1,80,000</td>
    </tr>
    </table>
```

HTML Table

<thead>: To group table headings

<tbody>: To group table contents

<tfoot>: To group table footer contents

<caption>: To provide caption for our table, It is always the first element in our table

border attribute: To give border to our HTML Table.

rowspan and colspan: To merge cells vertically and horizontally.

HTML Lists
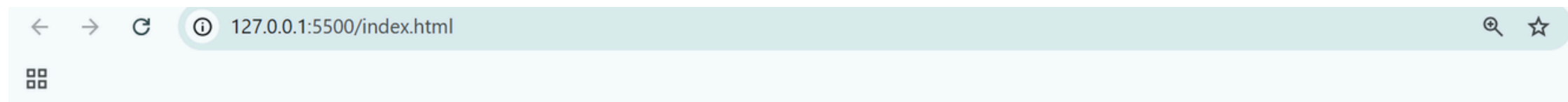
HTML provides 3 types of lists:

1. Unordered List: Where order doesn't matter

```
<ul>
    <li>Apple</li>
    <li>Mango</li>
    <li>Banana</li>
    <li>Orange</li>
</ul>
```


- Apple
- Mango
- Banana
- Orange

HTML Lists

2. Ordered List: Where order does matter

```
<ol>
    <li>Boil water in a saucepan.</li>
    <li>Add sugar and tea powder in it</li>
    <li>Boil it for 3-4 minutes on medium flame.</li>
    <li>Add milk and boil it over medium flame for 6-7 minutes</li>
    <li>Turn off the gas and strain tea in cups.</li>
</ol>
```

127.0.0.1:5500/index.html

1. Boil water in a saucepan.
2. Add sugar and tea powder in it
3. Boil it for 3-4 minutes on medium flame.
4. Add milk and boil it over medium flame for 6-7 minutes
5. Turn off the gas and strain tea in cups.

HTML Lists

type attribute on ul and ol

Unordered List

- type="disc"

- type="circle"

- type="square"

- type="none"

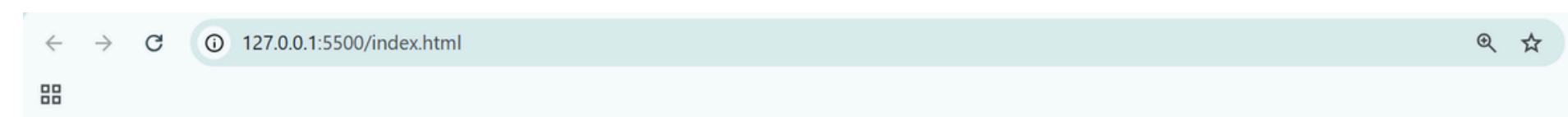**Ordered List**

- type="1"

- type="A"

- type="a"

- type="I"

- type="i"

HTML Lists

3. Definition List: To add glossary or dictionary

```
<dl>
    <dt>HTML:</dt>
    <dd>HyperText Markup Language</dd>
    <dt>CSS:</dt>
    <dd>Cascading Style Sheets</dd>
    <dt>JS:</dt>
    <dd>Javascript</dd>
</dl>
```


HTML:
    HyperText Markup Language
CSS:
    Cascading Style Sheets
JS:
    Javascript

THANK YOU

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