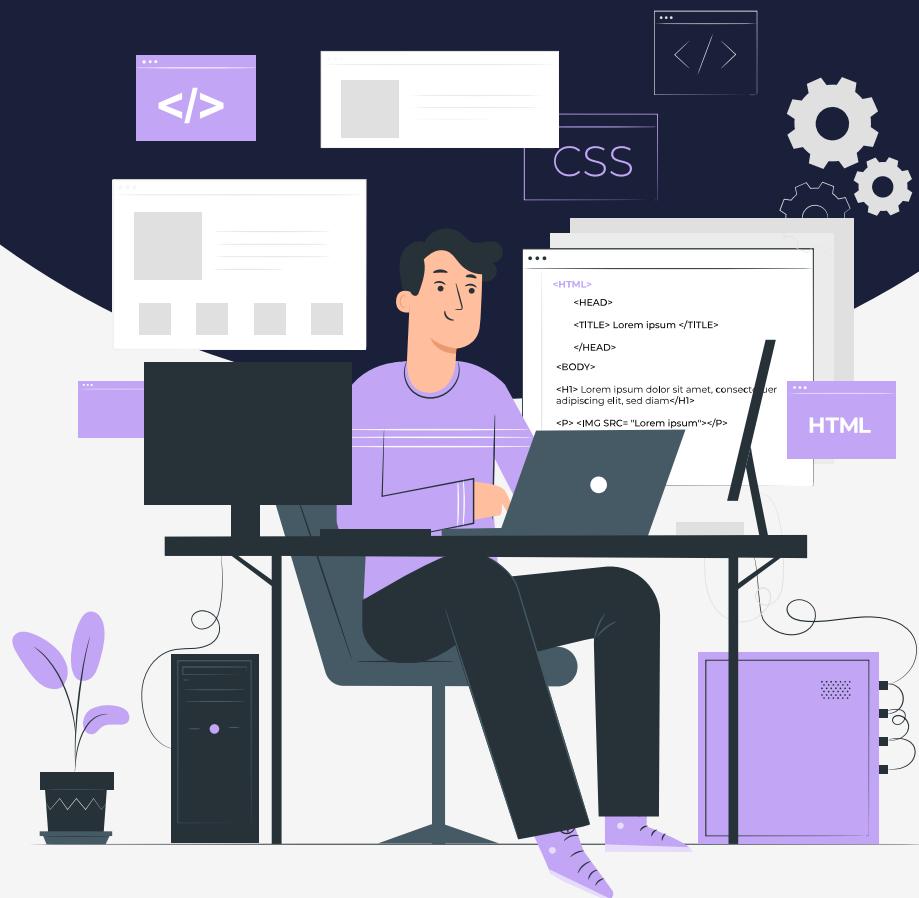


# Lesson:

# List styling, Table styling and Opacity



# Topics Covered

- List Styling
- Table Styling
- Opacity

## List Styling

Below are ordered and unordered lists with default styling.

### UnOrdered List

```
<ul>
  <li>Pepsi</li>
  <li>Coke</li>
  <li>Red Bull</li>
<ul/>
```

### Ordered List

```
<ol>
  <li>Pepsi</li>
  <li>Coke</li>
  <li>Red Bull</li>
<ol/>
```

## Unordered List

- Pepsi
- Coke
- Red Bull

## Ordered List

1. Pepsi
2. Coke
3. Red Bull

Now, let's try to alter some styles in the list.

1. **list-style-type** - The list-style-type property determines the marker style used for list items.

CSS	Output
<pre>ul {   list-style-type: circle; }</pre>	<ul style="list-style-type: none"> <li>◦ Pepsi</li> <li>◦ Coke</li> <li>◦ Red Bull</li> </ul>

<pre>ul {     list-style-type: square; }</pre>	<ul style="list-style-type: none"> <li>■ Pepsi</li> <li>■ Coke</li> <li>■ Red Bull</li> </ul>
<pre>ol {     list-style-type: upper-roman; }</pre>	<ul style="list-style-type: none"> <li>I. Pepsi</li> <li>II. Coke</li> <li>III. Red Bull</li> </ul>
<pre>ol {     list-style-type: lower-alpha; }</pre>	<ul style="list-style-type: none"> <li>a. Pepsi</li> <li>b. Coke</li> <li>c. Red Bull</li> </ul>

2. **list-style-image** - The list-style-image property sets an image to be used as the marker for list items.

**Example:-**

```
ol {  
    list-style-image: url("check.png");  
}
```

- ✓ Pepsi
- ✓ Coke
- ✓ Red Bull

3. **list-style-position** - The list-style-position property determines the placement of the list-item markers (bullet points).

<pre>ul {     list-style-position: outside; }</pre>	<ul style="list-style-type: none"> <li>• Pepsi</li> <li>• Coke</li> <li>• Red Bull</li> </ul>
<pre>ul {     list-style-position: inside; }</pre>	<ul style="list-style-type: none"> <li>• Pepsi</li> <li>• Coke</li> <li>• Red Bull</li> </ul>

## Table Styling

To understand it, we will take an example. Below is a table with default styling.

```
<table>
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
  </tr>
  <tr>
    <td>Mangesh</td>
    <td>Thakare</td>
  </tr>
  <tr>
    <td>Prabir</td>
    <td>Kumar</td>
  </tr>
  <tr>
    <td>Vinay</td>
    <td>Pratap</td>
  </tr>
</table>
```

**Browser Output:-**

### Firstname Lastname

Firstname	Lastname
Mangesh	Thakare
Prabir	Kumar
Vinay	Pratap

Let's try to alter the default style of the table.

**Step 1:** Add some border to table

```
table,
td,
th {
  border: 1px solid black;
}
```

**Browser Output:-**

Firstname	Lastname
Mangesh	Thakare
Prabir	Kumar
Vinay	Pratap

**Step 2:** We can collapse the border into one.

```
table {
    border-collapse: collapse;
}
```

**Browser Output:-**

Firstname	Lastname
Mangesh	Thakare
Prabir	Kumar
Vinay	Pratap

**Step 3:** Add some more styles

- width to each cell
- padding to table cells.
- Change background colour on hover

```
th,
td {
    width: 200px;
    padding: 10px;
}

tr:hover {
    background-color: rgb(188, 88, 88);
    color: white;
}
```

## Browser Output:-

Firstname	Lastname
Mangesh	Thakare
Prabir	Kumar
Vinay	Pratap

Now our table looks more beautiful!!!

## Opacity-

The opacity property determines the level of transparency for an element.

## Syntax

```
element{
  opacity: opacity_value; /*opacity_value
ranges from 0 to 1*/
}
```

**Example:** Consider below image,

```

```



Let's alter image opacity with 0.1, 0.5 and 0.8.

img {     opacity: 0.1; }	img {     opacity: 0.5; }	img {     opacity: 0.8; }