HTML Tags

List Tags

To represent a data in a form of list we can tag help in HTML.

3 Types of List

- Ordered List
- Unordered List
- Definition List

Ordered List

Which is used to represent list in a sequence like 1,2,3 or a,b,c etc..

tag used: <ol>

to include the list inside the the ol we will use <li> tag

```
<ol type="1" start="10">
<li>HTML</li>
<li>CSS</li>
<li>JavaScript</li>
<li>JAVA</li>
<li>Python</li>
</ol>
```

Unordered List

Which is used to represent some list without any sequence like you can show using some . or cicrle or square symbol

for that by default value is . (disc) we can change the type to circle or square

to create we can use <ul>

```
<body>
<h1>My Check List</h1>
<!-- you can give type value circle / square / disc -->
<!-- By Default its disc -->
<ul type="square">
<li>Conduct Live Session</li>
<li>Prepare Notes</li>
<li>Recording Work</li>
<li>Check Assignments</li>
</ul>
</body>
```

Definition List
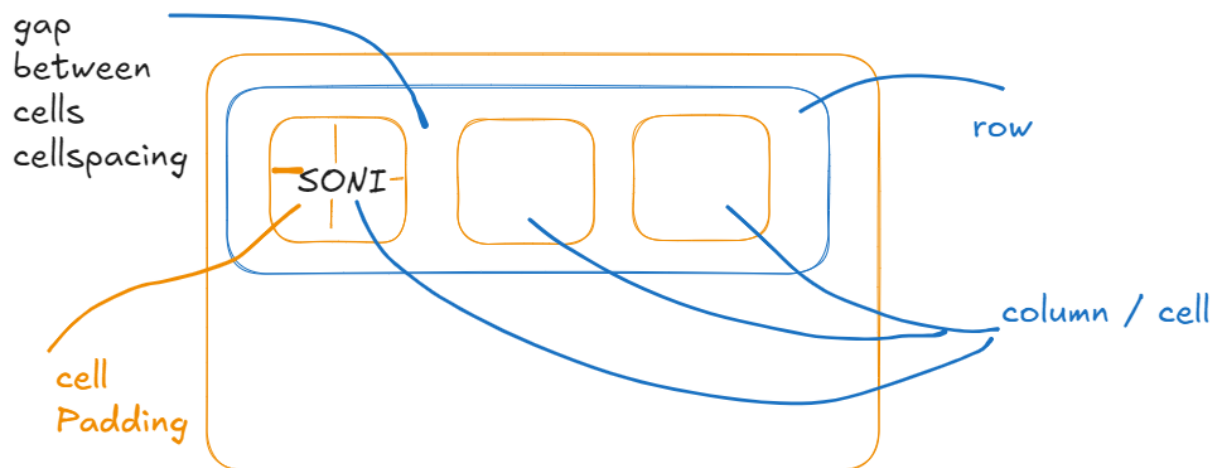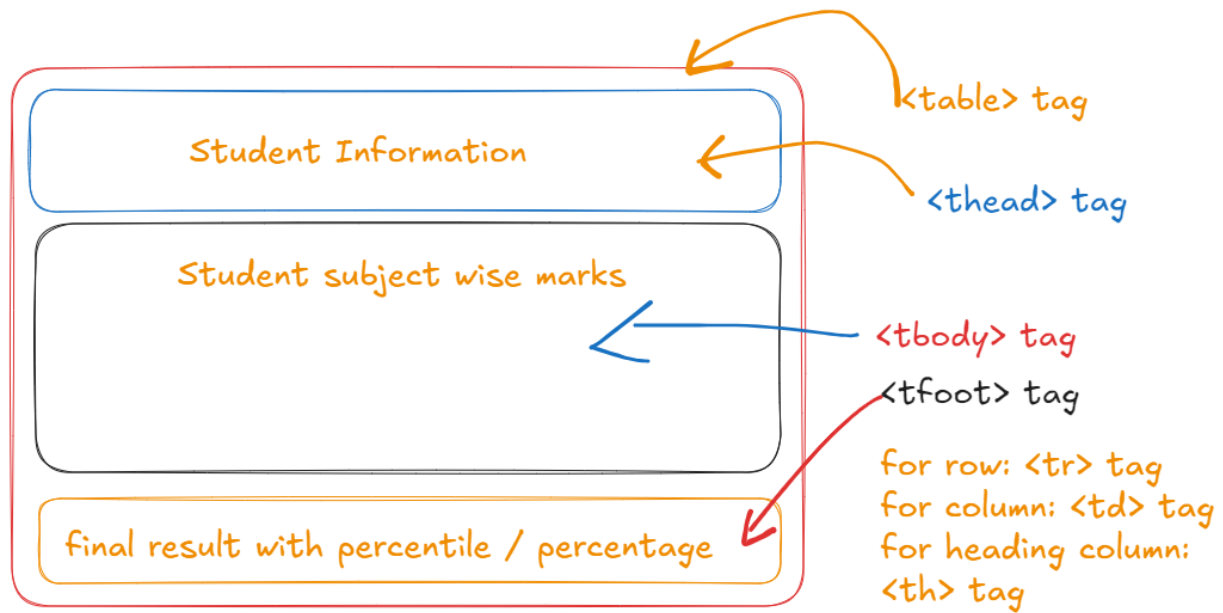
It is used to provide title and description format content

<dl> for definition list

<dt> title

<dd> description

```
<body>
<h1>Technologies</h1>
<dl>
<dt>HTML</dt>
<dd>Hyper Text Markup Language</dd>
<dd>It is used to create Web Pages</dd>
<dt>CSS</dt>
<dd>Cascading Style Sheet</dd>
<dd>It is a styling Language</dd>
<dt>JavaScript</dt>
<dt>JAVA</dt>
<dd>Its a Secure Programming Language</dd>
</dl>
</body>
```

Table : for creating a table in HTML we are using <table> tag

Student Information ← <table> tag

← <thead> tag

Student subject wise marks ← <tbody> tag

<tfoot> tag

for row: <tr> tag
for column: <td> tag
for heading column:
<th> tag

final result with percentile / percentage

gap
between
cells
cellspacing

SONI

row

column / cell

cell
Padding

```
<table border="1" cellspacing="0" cellpadding="10">
<caption>My Details</caption>
<thead>
<tr><td colspan="4"><center>Mharastra Board</center></td></tr>
<tr>
<th>Name</th>
<th>Roll No</th>
<th>Std</th>
<th>Div</th>
</tr>
</thead>
<tbody>
```

```html
<tr>
<td>Sonam Soni</td>
<td>99</td>
<td>12<sup>th</sup></td>
<td>A</td>
</tr>
</tbody>
<tfoot>
<tr>
<td colspan="4"><center>Powered By Skill Academy</center>
</td>
</tr>
</tfoot>
</table>
```

We can merge column from row using rowspan and column merge using colspan but complsary you have to use either th tag or td tag for rowspan or colspan.

```html
<table border="1" cellspacing="0" cellpadding="10">
<tr>
<td>Lorem.</td>
<td>Modi!</td>
</tr>
<tr>
<td rowspan="2">Lorem.</td>
<td>Alias.</td>
</tr>
<tr>
<td>Non.</td>
</tr>
</table>
```

Lorem.	Modi!
Lorem.	Alias.
	Non.

Media Tags

we can use <img> tag for including image

```
<body>
<img src="images/laptop.jpg" alt="profile" width="150">
<img src="images/rose.jpg" alt="flower" height="150">
<img src="https://images.pexels.com/photos/56866/garden-rose-red-pink-
56866.jpeg?cs=srgb&dl=pexels-pixabay-56866.jpg&fm=jpg"
alt="banner" height="150"/>
</body>
```

alt attribute is used for image alternative text means if the image src is not available then it shows the alternative text.
height if you give it will adjust width automatically.
We can add audio using audio tag and video using video tag.
for adding controls like play, pause we can use controls attribute. By default its value is true.
autoplay is also true means it will play when the browser loads the page
muted is also true means it will come by default mute in browser
loop will repeat the same audio continuously if it completes.

```
<audio src="images/music.mp3" controls autoplay muted loop ></audio>
```

Some times browser doesn't support some audio formats so in that case we can use multiple format for same audio.
for adding multiple sources we can use source tag for different formats as below
so browser check which supported first and its will load that audio.

```
<audio controls autoplay muted loop >
<source src="images/music.mp3">
<source src="images/format1.mp3">
<source src="images/format2.mp3">
```

```
</audio>
```

Same will work for video tag as well

```
<video controls autoplay muted loop height="150">
<source src="images/video.mp4">
</video>
```

If you want to embed some external webpage, external video, google map to your page then you can use, <iframe>

```
<iframe src="https://en.wikipedia.org/wiki/Taj_Mahal"
height="200" width="600"></iframe>
<iframe width="560" height="315"
src="https://www.youtube.com/embed/6iOwDhh9Vl0?si=vEPt3fro72kGVT0Z"
title="YouTube video player" frameborder="0" allow="accelerometer;
autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-
picture; web-share" referrerpolicy="strict-origin-when-cross-origin"
allowfullscreen></iframe>
```