



# Key Concepts in Designing Webpages Session 2

## Session: Create ordered, unordered list, table, cellpadding and cellspacing and use marquee tag, hyperlinks, mailto, horizontal, vertical, and mixed frameset tags

### Question Discussion

- Importance of ordered, unordered list, table, cellpadding and cellspacing.

---

---

---

---

---

---

---

---

### What is HTML List?

Lists are used to group related pieces of information, so they are associated with each other and easy to read. In modern web development, lists are workhorse elements, which are frequently used for navigation and general content.

---

---

---

---

---

---

---

---

### Different HTML Lists

#### ➤ Ordered Lists

- Syntax: `<ol>`

`<li>Item Name</li>`

`<li>Item Name </li>`

`<li> li>Item Name </li>`

`</ol>`

- For uppercase letter: `<ol type="A">`
- For lowercase letter: `<ol type='a'>`

By default number:

- For roman numbers: `<ol type= 'i'>`

➤ **Unordered Lists**

- **Syntax:** `<ul>`

`<li>Item Name</li>`

`<li>Item Name </li>`

`<li> li>Item Name </li>`

`</ul>`

- For none: `<ul style="list-style-type:none;">`
- For circle: `<ul style="list-style-type:circle;">`
- For square: `<ul style="list-style-type:square;">`

**By default mark disc:**

➤ **Description Lists**

- **Syntax:** `<dl>`

`<dt>Item Name</dt>`

`<dd>- Descriptions</dd>`

`<dt>Item Name</dt>`

`<dd>- Description</dd>`

`</dl>`

---

---

---

---

---

---

**Different HTML Lists**

- **Without border:** `<table style= "width:100%">`

`<tr>`

`<th> Firstname</th>`

`<th> Lastname</th>`

`</tr>`

`<tr>`

```
<td> Jill </td>

<td> Jackson </td>

</tr>

</table>

➤ With border and color: <table style= "width:30%, 60%" border=3, bordercolor= red>

<tr>

<th> Firstname</th>

<th> Lastname</th>

</tr>

<tr>

<td> Jill </td>

<td> Jackson </td>

</tr>

</table>

➤ With cellpadding attribute: <table border="1"

cellpadding="15">

<caption>Author Details</caption>

<tr>

<th>NAME</th>

<th>AGE</th>

<th>BRANCH</th>

</tr>

<tr>

<td>BITTU</td>

<td>22</td>

<td>CSE</td>
```

</tr>

➤ With cellspacing attribute: <table border="1"

cellspacing="15">

<caption>Author Details</caption>

<tr>

<th>NAME</th>

<th>AGE</th>

<th>BRANCH</th>

</tr>

<tr>

<td>BITTU</td>

<td>22</td>

<td>CSE</td>

</tr>

---

---

---

---

**Activity:**

- What is the syntax of HTML order list for Roman numbers?
- What is the purpose of cellpadding attribute?

---

---

---

---

---

---

---

---

**Question Discussion:**

- Importance of marquee tag, hyperlinks, mailto, horizontal, vertical, and mixed frameset tags

---

---

---

---

---

---

---

---

---

---

**HTML <marquee> tag:**

Syntax: <body>

```
<marquee>This is basic example of marquee</marquee>
```

```
</body>
```

---

---

---

---

---

---

---

---

---

---

**HTML links:**

- **General Link in HTML:**

```
<p><a href="https://www.google.com/">Visit our search engine!</a></p>
```
- **HTML link to email address to send email directly:**

```
<p><a href="mailto:someone@example.com">Send email</a></p>
```

---

---

---

---

---

---

---

**HTML framesets:**

- **Horizontal frames:** `<frameset rows = "40%,20%,40%">`  
`<frame name = "top" src = "math.html" />`  
`<frame name = "main" src = "ol.html" />`  
`<frame name = "bottom" src = "img_girl.jpg" />`  
`</frameset>`

- **Vertical Frames:** `<frameset cols = "25%,25%,50%">`  
`<frame name = "left" src = "math.html">`  
`<frame name = "center" src = "ol.html">`  
`<frame name = "right" src = "img_girl.jpg">`  
`</frameset>`

---

---

---

---

---

---

---

---

**Activity**

- What is the purpose of `<marquee>` tag?
- Write the syntax for HTML link for google.

---

---

---

---

---

---

