

XII - CHAPTER - 5

Web Designing Using HTML

1. Lists in HTML : 3 types of lists - Unordered lists, Ordered lists, Definition list.

1.1. Unordered Lists - Unordered lists are marked with bullets.

**** Tag is used to create an Unordered List.

**** Tag is used to list each item.

 tag Attribute	 tag Values	Use
TYPE	none	If there is no value then the bullet is in disk form RAM Output: ● RAM
	disc	<ul type="disc"> RAM Output: ● RAM
	circle	<ul type="circle"> RAM Output: ○ RAM
	square	<ul type="square"> RAM Output: □ RAM

1.2. Ordered lists - Ordered list display numbers or alphabets in front of each item.

**** Tag is used to create an ordered List. **** Tag is used to list each item.

 Attribute	 tag value	When use Type attribute	When use Type & Start
TYPE & START	1 (Default value Is 1)	<ol type="1"> - RAM - ROM Output: 1. RAM 2. ROM	<ol type="1" start="5"> - RAM - ROM Output: 5. RAM 6. ROM
	a	<ol type="a"> - RAM - ROM Output: a. RAM b. ROM	<ol type="a" start="4"> - RAM - ROM Output: d. RAM e. ROM
	A	<ol type="A"> - RAM - ROM Output: A. RAM B. ROM	<ol type="A" start="4"> - RAM - ROM Output: D. RAM E. ROM
	i	<ol type="i"> - RAM - ROM Output: i. RAM ii. ROM	<ol type="i" start="4"> - RAM - ROM Output: iv. RAM v. ROM
	I	<ol type="I"> - RAM - ROM Output: I. RAM II. ROM	<ol type="I" start="4"> - RAM - ROM Output: IV. RAM V. ROM

1.3. Definition lists - Definition lists are created using **<DL>** tag.

<DT > tag contains the definition term & **<DD>** tag specifies the description.

Code :

<DL>

<DT> Data : **</DT>**

<DD> Set of raw facts and figures **</DD>**

<DT> Information: **</DT>**

<DD> Processed data **</DD>**

</DL>

OUTPUT:

Data :

Set of raw facts and figures

Information :

Processed data

2. Creating Links : Hyperlink is an element, a text or an image in a web page that we can click on, and move to another document or another section of the same document.

➡ **<A>** (anchor tag) Tag : Is used to create Links. **Href** is the main attribute and The value of this attribute is the URL or the address of the website/webpage.

2 types of Links are :

a.External Link : The link from one web page to another web page

Eg : **** Sample ****

b.Internal linking: A link to a particular section of the same document

Concept of URL (Uniform Resource Locator) : Two types of URL are,

a. Relative URL: Use web URL as Href value.

Eg : **** DHSE ****

b.Absolute URL: Use filename as Href value.

Eg : **** Sample ****

Creating graphical / Image as Hyperlink :

** **

3. Inserting Music and Videos

3.1 <EMBED> Tag : To add music or video to the web page.

Attributes: - Src, Height, Width, Align, Alt, **Hidden** | Values : false (default) & true

***Hidden** : Specifies whether multimedia components should be visible or not.

3.2 <NOEMBED> : if the browser does not support the **<EMBED>** tag, the content inside the **<NOEMBED>** tag will be displayed.

3.3. <BGSOUND> : Background music will be played while the web page is running.

Attributes: - Src, Loop, Volume

4. Use of Table Tag :

Tag	Attributes	**Use& Attributes & Value
<TABLE> Tag	**Use	<table> : Used to create tables in a web page.
	Border	Specify Thickness of border
	Bordercolor	Specify color of border
	Align	Specify the position of the table in the browser. Value : left (default), center, right
	Bgcolor	Specify background color for table.
	Cellspacing	Specify space between cells
	Cellpadding	Specify space between cell border and its content

<TR>	**Use	Create rows in a table
<TD>	**Use	Insert data in each cell.
<TH>	**Use	Used to define heading cells
<TR> <TD> & <TH> tag Attributes & Values	Align	Specifies the horizontal alignment of the content within a cell Value : left (default), center, right
	Valign	Specifies the vertical alignment of the content within a cell Value - top, middle, bottom or baseline.
	Bgcolor	Specifies background color for a cell
<TD> & <TH> tag Attributes	Colspan	Specify number of columns to be merged to form a single column
	Rowspan	specify number of rows to be merged to form a single row
<CAPTION>	**Use	Used to give headings to the table.

Eg :

```
<table border="1" >
<CAPTION> STUDENTS </CAPTION>
<tr>
<th>Roll No</th>
<th>Name</th>
</tr>
<tr>
<td>1</td>
<td>Veena</td>
</tr>
<tr>
<td>2</td>
<td>Iza</td>
</tr>
</table>
```

Output :

STUDENTS

Roll No	Name
1	Veena
2	Iza

5. <FORM> Tag :

Tag	Attributes	**Use & Value
<FORM> Tag	An HTML form is used to collect user input. This is a container tag.	
	Action	Specifies where the form-data should be sent when the form is submitted. Value : "URL"
	Method	Specifies the HTTP method to use when submitting form-data. Value : "POST", "GET"
	Target	Specifies where to display the response received after form submission Value : _blank, _self, _parent, _top, name

Form controls : There are different types of Form controls that we can use to collect data using HTML Form. These tags are empty tags.

<INPUT> Tag	It is used to create form controls.	
	Attribute	Value
	Type : Specifies the control type created by the tag.	Text : Create a text box Password : Creates a password box Checkbox : Users can choose Yes/NO. Radio : Selects a single value from a group. Submit : All entries entered in the form are used to submit to the server. Button : Creates a standard graphical button on the form. Reset : All entries in the form are cleared
	Name	It is used to give a name to the input control
	Value	To assign a default value to each form element
	Size	Specifies the size of the input element (text box and password).
Other Form Tags		
<TEXTAREA>	Allows multiple line text input. This is a container tag.	
	Name	Used to give a name to the Textarea element.
	Rows	Determines how many rows are required in Textarea
	Cols	Determines the maximum number of characters per line
<SELECT>tag	Used to create a drop down List. This is a container tag.	
<OPTION> tag	In the <SELECT> tag, the options in the list are specified using the <OPTION> tag.It is an Empty tag.	

6. <FRAMESET> : Splits the browser window into several sections. It is the container tag.

Attributes : Rows, Cols, Border, Bordercolor

<FRAME> tag : It defines frames inside

Eg : <FRAMESET Cols="30%,70%">

<FRAME Src=" Code1.html"> <FRAME Src=" Code2.html">

< /FRAMESET>