CHAPTER 11: HTML-II : LISTS, TABLES AND FORMS

Lists in HTML

There are three basic types of lists in HTML. The lists may be nested as well.

i) Unnumbered or Unordered List
ii) Numbered List or Ordered List
iii) Definition List

Unordered lists <UL> - are indented lists with a special bullet symbol in front of each item.

<LI> - denotes the beginning of each new list item.

```
<UL>
    <LI> Apples
    <LI> Bananas
    <LI> Grapefruit
</UL>
```

Output –
- Apples
- Bananas
- Grapefruit

TYPE	Attributes	Value	Description	EXAMPLE	OUTPUT
Container element	TYPE	disc circle square	Specifies the type of bullet symbol. *Default is disk type.*	<UL type = "square"> <LI> Tea <LI> Coffee </UL>	▪ Tea ▪ Coffee

An **ordered numbered list** are indented list with numbers in front of each item.<LI> denotes the beginning of each new list item.

```
<OL>
    <LI> Apples
    <LI> Bananas
    <LI> Grapefruit
</OL>
```

Output –
1. Apples
2. Bananas
3. Grapefruit

TYPE	Attributes	Value	Description	Sample sequence /example	CODE & OUTPUT
Container element	TYPE	A	Capital letters	A, B, C, D	<OL start = 6 type = "i"> <LI> JAVA <LI> SQL <LI> C++ </OL> Output – vi. JAVA
		a	Lowercase letters	a, b, c, d	
		I	Capital roman numerals	I, II, III, IV	
		i	Lowercase roman numerals	i, ii, iii, iv	
		1	Arabic numerals	1, 2, 3, 4	
	START	value	defines starting value of list	<OL start = 5>	

- **Definition Lists <DL> -** A definition Lists are indented lists without any bullet symbol or any number in front of each item.
  <DT> stands for definition term.
  <DD> stands for definition description.

TYPE	Attributes	Description	CODE	OUTPUT
Container element	compact	Used in case definition terms are very short.	<DL> <DT> Computer <DD> It is an electronic device which processes data into information. </DL>	Computer It is an electronic device which processes data into information.

Tables in HTML :-

The HTML table model allows you to arrange data – text, preformatted text, images, links, forms, form fields, other tables etc. into rows and columns of cells.

<Table> ……..</Table>	defines a table object.
<TR> ……..</TR>	defines a table row.
<THEAD>…..</THEAD>	defines header section of table.
<TFOOT>…..</TFOOT>	defines footer section of table.
<TBODY>…..</TBODY>	defines body section of table.
<TD>……..</TD>	defines a table data (cell value).
<TH>……..</TH>	defines column header.
<CAPTION>……..</CAPTION>	defines caption of table.

Cell spacing & cell padding: Space between cells is cellspacing & space between cell border & cell data is cell pading

Row span vs cols span: Span of a cell in respect of columns is row span . Colspan is span of a cell in respect of columns

HTML Forms

HTML forms are means to collect information / data from the site-visitor or client. It is done with the help of controls that collect the information and send it over. Forms contain some GUI controls to interact with users.

Some of the important controls are:-
- Button
  - Submit button
  - Reset button
  - Push button
- Checkboxes
- Radio Button
- Combo boxes
- Password

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- Text Input (Text field, Text area etc.)

CREATING FORM:-

Attributes	Value	Description
Name	String	Specifies the name of the form
Action	Script or URL	It specifies the script or email-ID or URL which will receive data.
Method	Get Post Form	Specifies how the form-data is submitted. Get – form data is submitted as URL variables. Post – form data is submitted as HTTP post. Form – opens a new form as per specified URL.

Example : <Form Method = Get Action = "www.yahoo.com">

Commonly used method is:-
<Form Method = Post Action = "mailto:kvs@gmail.com">
- **Adding Input Controls on the Form :-**

Example :   <INPUT TYPE = "Text" Name =" Vidyalaya Name">
                 <INPUT TYPE = "Submit" Name = "Button1" Value = "Submit">

Very Short Answer Type Question (1 Marks)

1. Differentiate between <UL> and <OL> tags.
2. What is wrong with following coding?
   <OL type= "a" start = "d">
3. What is the difference between Cellpadding and Cellspacing ?
4. Which attributes are used to give border to a table?
5. What for are Rowspan and Colspan attributes used?
6. What is the use of Form in HTML?
7. What is the difference between radio button and check box control?
8. What is the role of ALIGN attribute of <TABLE> tag?

Short Answer Type Question (2 Marks)

1. What is the use of <TD> and <TR> tag?
2. How is spacing in cells of table controlled?
3. Name the attributes used for following?
   a) Setting the cell width.   b) Setting cells background colour.
   c) Changing the cell span.   d) Aligning cell contents vertically.
4. How would you indent a single word and put a square bullet in front of it?
5. Write code to produce following HTML tables?

6. Give two attributes of Table element of HTML.

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