

↳ HTML :> Hyper Text Markup Language.

HyperText:> is the method by which we move around on the web - by clicking on special text called Hyperlinks which bring us to next page. The fact that it is hyper just means it is not linear - we can go to any place on the internet whenever we want by clicking on links.

Markup:> Markup is what HTML tags do the text inside them.

Language:> HTML is a language , as it has code-words and syntax like any language.

- 1.) Web-Browser:> is a web-client that navigates the www and display web-pages.
- 2.) Web-Server:> is a powerful computer which certain information in the form of web-site.
- 3.) Web-site:> A group of related Web-pages.

Remark

Difference B/w P.L & M.L :→

In the P.L, the text by itself serve as instructions and commands to the computer. In the Markup language, the text by itself does not serve as a instruction or command but the tags are used to format the text, or convert a text to a link etc.

HTML 1.0 :→ First release of HTML, language was very limiting. It ~~was~~ not used as web-site creation just use as some simple text onto the web.

HTML 2.0 :→ Has feature of HTML 1.0 and added new features, called core HTML. Standard for website design.

HTML 3.0 → Netscape Navigator browser added tags and attributes. Dave Raggett introduced HTML 3.0.

HTML 3.2 → World wide Web Consortium (W3C) added browser specific tags. January, 97 and today practically all browser support it fully.

Remark

HTML 4.01 :→ HTML 4.0 was a large evolution.

HTML standard. Early in the development it had the code-name COUGAR. Has all feature of HTML 3.0 and added new feature like Cascading Style sheet. I.E 5, I.E 6 (browser) have excellent support for almost all of the new tags and attributes.

XHTML 1.0 :→ Beginning of 21st Century, XHTML 1.0 known as XML (Extended Markup language) introduced user define tags as well as all HTML tags.

06

HTML 5 :→ is introduced for security (to avoid Hacking). It introduced some new featured Tags like Password, buttons, numbers etc. In Today's demanding market HTML 5 is used.

Remark

January

Sachi Shiksha

07

STRUCTURE of HTML :-

Lect-2 :-

Not a Case Sensitive language.

<HTML>

<HEAD>

<TITLE> HTML first structure </TITLE>

</HEAD>

<BODY>

Hello world

</BODY>

</HTML>

08

Tags:-

1. Container or Pair Tag:-

<HTML> </HTML>

<HEAD> </HEAD>

<BODY> </BODY>

<I> </I>

etc.

2. Empty Tag:-

<input type = />

etc.

Remark



Scanned with OKEN Scanner

Tags: →

Purpose

< b > </ b >

Bold Text

< i > </ i >

Italic

< u > </ u >

underline

^{< sup > </ sup >}

super script x³

_{< sub > </ sub >}

sub script H₂O

~~< strike > </ strike >~~

strike through the text

< small > </ small >

smaller the text from surrounding

< big > </ big >

bigger " " " "

< blink > </ blink > (i.e)

Blinking the Text 10

< marquee > </ marquee >

scroll the text across

< behavior = " scroll " direction = " up " > the page.

< p align = " justify " > </ p > for paragraph

< H1 > - < H6 > - < / H1 > - < / H6 > for Heading

< img src = " " > for inserting image

< bg color = " " > for background color

< background > for insert any item to background

< left > < right > < center >

< font size, face, color > < / font >

Remark

Table :→

A Table is a collection of two dimensional matrix, consisting of rows & columns. Tables can be provide a lot of information in an easily readable format.

Tag :→ <Tr> ⇒ To create a Row

<Th> ⇒ Hold the heading of Table.

<Td> ⇒ That creates data for the table.

Ex : 1. <Table>

<tr>

<th> Name </th>

<th> Marks </th>

</tr>

<tr>

<td> Amit </td>

<td> 98 </td>

</tr>

<tr>

<td> Additi </td>

<td> 95 </td>

</tr>

</Table>

Remark

Attributes of Table :

a) border :> Thickness of border is 5 pixels.
`<table border = 5>`

b) Height & Width :> in pixels & percentage of the available screen.
`<Table height = 400 width = 50%>`

c) align :- Horizontal alignment of the table.
`<Table align = "center">`

d) bgcolor :> To set background color
`<Table bgcolor = "pink">`

e) cellspacing :> amount of spacing b/w two adjacent cells. by default 2 pixels.

f) cellpadding :> amount of space in pixels b/w cell border & cell content.
`<Table border = 2 cellspacing = 5 cellpadding = 5>`

g) caption :> It is like table heading. Caption tag set the caption of the table.

`<caption align = "bottom">`

` Marks details `

`</caption>`

h) Colspan & Rowspan :>

Remark

used with `<Th>` `<Td>` are used to combine and adjoining cells into larger cells.

`<Td rowspan=2>` `</td>`

`<td colspan=2>` `</td>`

table2.html

Ex: → `<table border="5" bgcolor="#66FFCC"`
`height="500" width="500">`
`<tr>`

`<th colspan="4"> Result Table </th>`

`</tr>`

`<tr>`

`<th> Class </th>`

`<th> Roll no </th>`

`<th> Name </th>`

`<th> Marks </th>`

`</tr>`

`<tr>`

`<td rowspan=2> BCA </td>`

`<td> 101 </td>`

`<td> admit </td>`

`<td> 89 </td>`

`</tr>`

Remark

<tr>

<td> 102 </td>

<td> Sumit </td>

<td> 78 </td>

</tr>

<td rowspan="2" > BCA 2 </td>

<td> 1001 </td>

<td> Reena </td>

<td> 80 </td>

</tr>

<tr>

<td> 1002 </td>

<td> Ankit </td>

<td> 45 </td>

</tr>

</table>

Assignment - Table.

Student					
AI	Name	College	College	Place	Info
	Ravi				About
	Amit	MTM			17 boy
	Parbat	KTL	PHP		Remark
	Kamal			85 ICCR 88 KTL C2 Kannal	17 boy
					About

List: →

HTML supports various Types of list displayed in particular order.

① Unordered list: →

` ` ⇒ Unordered list
list item.

`<UL Type = DISC/CIRCLE/SQUARE>`

` MS - Word `

` MS - powerpoint `

` MS - Excel `

` MS - Access `

``

② Ordered list: → In a specific order, by default number are displayed on a web browser.

`<OL Type = 1/i/I/a/A>`
``

`<OL Type = 1 start = 5>`

` `

``

Remark

③ Definition List : $\rightarrow \langle DL \rangle \quad \langle IDL \rangle$

① $\langle DT \rangle : \rightarrow$ Definition Term.

② $\langle DD \rangle : \rightarrow$ Definition Description.

$\langle DL \rangle$

$\langle DT \rangle$ Computer $\langle IDT \rangle$

$\langle DD \rangle$ Computer is an electronic device which takes input process it and gives the output $\langle IDD \rangle$.

$\langle OL \text{ Type} = 1 \rangle$

$\langle li \rangle$ Input device $\langle /li \rangle$

$\langle UL \text{ Type} = Circle \rangle$

$\langle li \rangle$ Keyboard $\langle /li \rangle$

$\langle li \rangle$ Mouse $\langle /li \rangle$

$\langle li \rangle$ light-pen $\langle /li \rangle$

$\langle /UL \rangle$

Remark

Form :→

Form are used to passed data to server.

```
<form action="url" method="get/post">  
</form>
```

action = "url" specifies the location , to which the data of form will be sent.

Method : →

a) get :→ visible to everyone (information displayed on the browser address bar) and has limits the amount of information to be send.

b) post :→ Information is sent from post method is invisible to others and has no limits on the amount of information to send.

Remark

1) Textfield :>

```
<input type="text" name="textname"  
value="default-text" size="n"  
maxlength="m" placeholder="fieldname">
```

size => defines the width of the field.

default value is 20 characters.

maxlength => Maximum length of the field.

2) Password field :>

```
<input type="password" name=  
"text-name" value="default-text"  
size="n" maxlength="m" />.
```

3.) <input type="checkbox" name=
"checkboxname" value="submitted-value"
checked/>

Remark

4.) Radio - button : →

<input type = "radio" name = "radio - button name" value = "submitted value" checked />

5.) Drop - Down : →

<select name = "field name" size = "n" multiple> use to allow mul. choices.
<option value = "submitted value - 1">
Text - label </option>
<option value = "submitted value - 2">
Text - Label </option>
<option value = "submitted value - n">
</select>

28

6.) Submit & Reset Button : →

Submit : → To Submit information after filling up the form.

Reset : → To clear information to the default one.

Remark

```
<input type = "Reset" name = "Reset -  
Button name" value = "text" />
```

```
<input type = "submit" name = "submit -  
Button name" value = "text" />
```

mail to : →

```
<form method = "post" action =  
mail to : arohllainsan@gmail.com>  
</form>
```

30

Ex : → <form action = "first.html"
method = "get/post" name = "form 1" >
Name <input type = "text" name = "text-1"
size = "20" max length = "12" placeholder
= "myfield" />

Password <input type = "password"
name = "text2" size = "20" max length = "08" />

male <input type = "radio" value = "male"
name = "sex" checked />

Remark

female <input type = "radio" value = "female"
name = "sex" /> ~~checked~~

Cricket <input type = "checkbox" value = "cricket"
name = "chKbox1" checked />

Swimming <input type = "checkbox" value = "swimming"
name = "chKbox2" />

Running <input type = "checkbox" value = "
running" name = "chKbox3" />

<select name = "select" />

<option value = "12" selected > 12 </option>

<option value = "grad" > grad </option>

<option value = "pg" > pg </option>

</select>

<input type = "submit" value = "submit" />

<input type = "reset" value = "reset" />

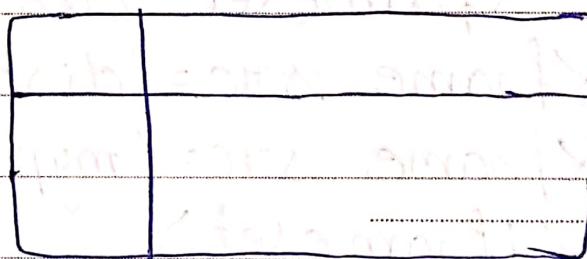
</form>

Remark

FrameSet :→

To break a web-page into different sections, although unrelated, operate independently to each other.

<frame set> tag divide the Screen into separate windows or frames as shown in fig :→



02

① Rows :→

Divides the Screen into multiple rows into a number of pixels ② Expressed as a percentage of the screen resolution
③ The symbol *, which indicate the remaining space.

<frameset rows = "20% 80%">
divides the window into two section up-part is 20 percent of window, bottom part is 80% of window.

2.) Columns:-

`<frameset cols="*, 2*" >`
left frame use 1/3 part right is
2/3 part.

Ex:-

```
<html>
  <frameset cols="250">
    <frame src="dist.html" name="menu"/>
    <frame src="mypage.html" name="main"/>
  </frameset>
</html>
```

04

Attributes:

① Adding Border:-

Border = 1, Frameborder = 1, bordercolor = "Green"

border = 0, frameborder = 0,

```
<frameset frameborder=0, border=0,
  cols="250">
```

Remark

3) Noresizable:- If you want frame window no resize.

```
<frame src = "olist.html" name = "menu"  
noresize>
```

4.) Scrollbar :

Add:- <frame src = "olist.html" name
= "menu" noresize scrolling = "yes" >

Hide:- <frame src = "olist.html" name
= "menu.html" noresize scrolling = "no" >

default:- <frame src = "olist.html"
name = "menu" noresize scrolling = "auto" >

Margins:- To add some empty space
around contents.

```
<frame src = "olist.html" marginheight = 0  
marginwidth = 0, name = "menu" >
```

Remark