

webpage designing with html.

HTML.

- It is standard markup language for creating webpages.
- HTML stands for Hypertext Markup language.
- It describes the structure of webpages.
- HTML consists of a series of elements which tells the browser how to display the contents.
- HTML elements are represented by tags.
- HTML tags label pieces of content such as headings, paragraphs, table & so on.
- Browsers don't display the HTML tags but use them to render the content of the page.

Structure of HTML

<!DOCTYPE html>

<html>

<head>

<title> web design </title>

</head>

<body>

</body>

</html>

- classmate
Date _____
Page _____
- The ~~doc~~ "doctype" html declaration defines this doc. to be html file.
 - The html tag element is the root element of an html page.
 - The head tag element contains the meta information about the document.
 - The title tag element specifies the title for the doc.
 - The body tag element contains the visible page contents.

HTML Tags

- HTML tags are elements ^{names} surrounded by angle brackets.
- HTML tags normally come in pairs like ~~a~~ <html> & </html>.

The first tag in the pair is the start tag or opening tag whereas the second tag is the end tag or closing tag. The end tag is written like the start tag but with a forward slash (/) inserted before tag name.

<u>Tag</u>	<u>Tag description</u>	<u>Example</u>
<!-- text -->	Comment	<!-- head element -->
 XXXX	Bold	
<big>	Big text	
 	line Break	
<center>	center align	

`<sub>` subscript
`<sup>` superscript
`<n1>` to `<h6>` heading of content
`<head>` heading of html document.
`<hr>` horizontal line.
`<i>` Italics
`` Image ``
`<marquee>` Used for scrolling text
`` attribute size \rightarrow 1 to 7
``
`<a>` anchor tag, used for hyperlink
``
 Google ``
`<p>` paragraph
`<u>` Underline
`<blink>` To blink the text.
 align \rightarrow attribute to align left, right or center.
 Ex: `<h1 align = "center">... </h1>`

HTML list

There are following types of list used in HTML :

- Ordered list
- Unordered list
- Definition list
- Nested list

- Ordered list

Ordered list are list of numbered items. To create an ordered list we can specify the type attribute for different kind of ordered list.

The type attribute allows you to change the kind of symbol that appears in the list.

The default ordered list is 1, 2, 3...

If type = "A" then it will be list of A, B, C...

type = "a" then a, b, c...

type = "i" then i, ii, iii...

 First year

 second yr

 Third yr

- UnOrdered list

 xyz

attribute:

type = disc, square, circle.

• xyz

- Definition List

<dl>

<dt> software </dt>

<dd> It is a set of instructions </dd>

</dl>

Nested list

```
<ol>  
  <li> set </li>  
    <ul>  
      <li> type = "mech eng" </li>  
        <ol type = "i">  
          <li> F4 </li>  
          <li> S4 </li>  
          <li> T4 </li>  
          <li> L4 </li>  
        </ol>  
      </li>  
    </ul>  
  </li>  
</ol>
```

```
<li> comp science </li>  
  <ol type = "I">  
    <li> F4 </li>  
    <li> S4 </li>  
    <li> T4 </li>  
    <li> L4 </li>  
  </ol>
```

```
<li> civil </li>
```

```
<ol type = "a">  
  <li> F4 </li>  
  <li> S4 </li>  
  <li> T4 </li>  
  <li> L4 </li>  
</ol>
```

```
</ol>
```

```
</ul>
```

```
<li> Bsc </li>
```

```
<ul>
```

```
<li> life science </li>
```

```
<ol type = "A">
```

```
<li> F4 </li>
```

```
<li> S4 </li>
```

```
<li> T4 </li>
```

```
</ol>
```

```
<li> Data science </li>
```

```
</ul>  
</ol>
```

output

1. set

o mech eng

i F4

ii S4

iii T4

iv L4

o comp science.

I

II

III

IV

V

o civil

a

b

c

d

2. Bsc.

o Life science

A

B

C

D

o Data science.

HTML Table

Tables are used for websites for the following purpose:

- Arranging info in a table
- Creating a page layout with the use of hidden tables

Using tables to divide the page into different sections is an extremely powerful tool. Almost all major websites on the web are using invisible tables to layout the webpage.

The most important layout aspect that can be done with tables is:

- Dividing the page into separate sections
- Creating menus
- Adding interactive form fields
- Creating fast loading heading headers for the page
- Easy alignment of images that have been cut into smaller pieces.
- Simple way to allow text to be written into two or more columns next to each other.

Table tags

<table>

It consists of all HTML tags that compose a table.

<caption>

Specifies a caption for the table.

<tr>

Defines row of a table.

<td>

Defines a cell in a table.

<th>

~~th~~ Creates a header cell whose contents will be rendered in bold-face & with centered horizontal alignment.

Table is the main tag which holds all table related tags in it.

Following are the list of attribute of table tag.

Attribute

Value

Example.

- Border.

Size of border around table

`<table border = 5>`

val = any int val

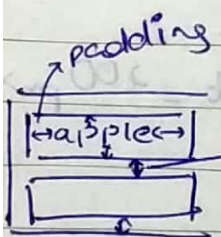
- Cell padding
Space b/w the edge of a cell

any

int val

`<table cell padding = "10">`

padding of the content.



cell spacing
Space b/w cells.

any int
val.

`<table cell spacing = "3">`

Q. <table border = "1" >

<tr>

<th> Roll no </th>

<th> Name </th>

</tr>

<tr>

<td> 1 </td>

<td> Nisha </td>

</tr>

<tr>

<td> 2 </td>

<td> Mitesh </td>

</tr>

</table>

Output:

Rollno.	Name
1	Nisha
2	Mitesh.

Q.

Roll No	Name	
	Fname	Lname
101	Leena	Survey
102	Shreya	Bagde

<table border = "1" >

<tr>

<th rowspan = 2> Roll no. </th>

<th colspan = 2> Name </th>

</tr>

<tr>

<td> Fname </td>

<td> Lname </td>

</tr>

<tr>

<td> 101 </td>

<td> Leena </td>

<td> Survey </td>

</tr>

<tr>

<td> 102 </td>

<td> Shreya </td>

<td> Bagde </td>

</tr>

</table>