

HTML:

Hyper text Markup language
Used to structure a Web page

HTML Tag:

Container for some content

Element = Content + Tag

<p> This is a paragraph </p>

content

Element

Basic HTML Page

```
<html>
  <head>
    <title>My First Page.</title>
  </head>
  <body>
    <p>Hello World</p>
  </body>
</html>
```

Comments in HTML

<!-- This is an HTML comment -->

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HTML is not case sensitive

Basic HTML Tags:

HTML Attributes

Attributes are used to add more information to the tag.

`<html lang="en">`

Heading Tag

Used to display heading in HTML

`h1` (most important)

`h2`

`h3`

`h4`

`h5`

`h6` (least important)

Paragraph Tag

Used to add paragraph in HTML

`<p> This is a paragraph </p>`

Anchor Tag

Used to add links to your page

` Google `

Image Tag

Used to add images to your page

``

Br Tag

Used to add next line to your page

Bold, Italic and Underline Tags
 Used to highlight text in your page.

** Bold **

<i> Italic </i>

<u> Underline </u>

Big and Small Tags

Used to display big & small text on your page.

<big> Big </big>

<small> Small </small>

hr tag

Used to display a horizontal ruler, used to separate content.

<hr>

Subscript and Superscript Tag

_{Subscript}

<p> H ₂ O </p>

H₂O

^{Superscript}

<p> 3 ² ⁹ </p>

Pre Tag
used to display text as it is (without ignoring spaces and new line)

<pre> This is
a sample
text

PAGE LAYOUT TECHNIQUES

using semantic tags for layout

<header>

<main>

<footer>

Inside Main Tag

Section Tag for a section on your page

<section>

Article Tag for an article on your page

<article>

Aside Tag for content aside main content

<aside>

Revisiting Anchor Tag

 Google

 Google

DIV Tag

Div is a container used for other HTML elements.

Block Element (takes full width)

Some example of Div Tag are article, fieldset, header, h1, main etc.

Span Tag

Container used for other HTML elements

Inline Element (takes width as per size)

Some example of span Tag are big, br, label, select, small, sub, sup etc.

Lists in HTML

Used to represent real life list data.

Unordered


```
<ul> <li> Apple <li> Mango </ul>
```

Ordered


```
<ol> <li> Apple <li> Mango </ol>
```


Tables in HTML

Used to represent data

<tr> Used to display table row

<td> Used to display table data

<th> Used to display table header

<table>

<th> Name </th>

<th> Roll No </th>

</tr>

<td> Himani </td>

<td> 25061 </td>

</tr>

</table>

Caption in Tables

`<caption> Student Data </caption>`

student

Name ROLLNO <"101"=soft lead1>

<"201"=Himani Saini 100611> <"301"=savitru gaur>

<"101"=bi 7701>

thead and tbody in Tables

`<thead> to wrap table head`

`<tbody> to wrap table body`

forms in HTML

Used to collect data from the user

`<form>`

form content

`<form> bi "dindnig"=smash attack1>`

`<"dindnig" bi 920918>=bloodbowl`

form Element: Input

`<input type="text" placeholder="Enter Name">`

Enter Name

Label

`<label>`

`<input type="radio" value="class X" name="class">`

`<input type="radio" value="class XI" name="class">`

`<input type="radio" value="class XII" name="class">`

`</label>`

Galaxy F23 5G button select only one option at a time.

checkbox

to select multiple option

```
<label for="id1">  
<input type="checkbox" value="class X" name="class" id="id1">  
</label>  
  
<label for="id2">  
<input type="checkbox" value="class X" name="class" id="id2">  
</label>
```

TextArea

```
<textarea name="feedback" id="feedback" placeholder="Please add feedback">  
</textarea>
```

Select

```
<select name="city" id="city">  
<option value="Delhi"> Delhi </option>  
<option value="Mumbai"> Mumbai </option>  
<option value="Bangalore"> Bangalore </option>  
</select>
```

iframe Tag

website inside website

<iframe src="link"> Link </option>

Video Tag

<video src="myVideo.mp4"> My Video </video>

Attributes

controls

height

width

loop

autoplay