



Hyper Text Markup Language

Presented by

Introduction To HTML

- HTML stands for “Hyper Text Mark up Language”
- HTML is an improvised version of “Standard Generalized Mark Up Language” (SGML)
- It was developed by Tim Berners Lee in 1990



What is HTML?

- HTML is encoding language for creating web pages
- It is written using plain text editors or HTML editor.
- It should have extension .htm or .html
- Elements in HTML enclosed in angular brackets are called Tags.
- A web browser interprets the HTML code.



Basic HTML Document

HTML Tags

```
<html>
  <head>
    <title> Home Page </title>
  </head>
  <body>
    Hello World!
  </body>
</html>
```

HEAD Tags

Displays Title on Title Bar of Web Page



Body Elements

- Through Body Element user can change all the text, background color & images of the web page.
- Body Element contains the following Attributes:
 - `<body bgcolor="yellow">`
 - `<body background="myimage.jpg">`
 - `<body text="red">`



Anchor Elements

- This element marks the text as Hyper Link. It is defined as `<A>`
- The Anchor Element contains the following attribute

```
<a href =“https://www.google.co.in”>Click to visit Google</a>
```

Anchor Tag

Inserts a Hyper Link



Formatting Elements

- HTML defines many Formatting Elements
- Following are Few of the formatting elements

Formatting Element	Description
<code><h1> to <h6></code>	Heading tags which defines the heading of the text
<code>...</code>	Bold face tag
<code><u> ... </u></code>	Underline tag
<code><i>...</i></code>	Italic tag



Formatting Elements ...

Formatting Element	Description
<code><strike>...</strike></code>	Strike tag
<code><sub> ... </sub></code>	Subscript tag
<code><sup>... </sup></code>	Superscript tag



Example on Formatting Elements

Body
Element

Anchor
Element

Formatting
Elements

```
<html>
<head>
<title> Welcome To Mycompany </title></head>
<body bgcolor="Yellow" text="Red" leftmargin="60">
<a href="https://www.google.co.in">Click </a>
<h1>Mycompany</h1>
<h2>Mycompany</h2>
<h3>Mycompany</h3>
<h4>Mycompany</h4>
<h5>Mycompany</h5>
<h6>Mycompany</h6>
<font size=10 face="arial" color="Black">
    Welcome to    Mycompany Company
</font> <br>
<b> BPO Services </b> <br>
<i> Software Consulting </i><br>
<u> Out Sourcing </u> <br>
    Price : <strike>500 /- </strike> Only 250/- <br>
    2<sup>2</sup>=4 <br>
    H<sub>2</sub>O<br>
</body> </html>
```

Heading
Elements



Images

To insert any image in the web page

```

```

```
<!DOCTYPE html>
<html>
  <head>
    .
  </head>
  <body>
    
  </body>
</html>
```



Lists

`` - Uses plain bullets

```
<h4>Technologies</h4>
<ul>
  <li>Java</li>
  <li>MySQL</li>
  <li>WebServices</li>
</ul>
```



Lists

 - Uses numbers

```
<ol>
  <li>Java</li>
  <li>MySQL</li>
  <li>Web Services</li>
</ol>

<ol start="50">
  <li>HTML</li>
  <li>CSS</li>
  <li>Java Script</li>
</ol>
```



Tables

- A table element is defined with `<table>` tag
- Table is organized into rows
- Row is organized into columns

Example:

```
<table border="1">

  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>

  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>

</table>
```



Form Elements

- Forms are needed to collect information from the user
- Forms adds interactivity
- Examples : Order Forms, Registration Forms, Login Forms, Survey forms etc.

Sign Up
It's free and always will be.

First Name:

Last Name:

Your Email:

Re-enter Email:

New Password:

I am: Select Sex:

Birthday: Month: Day: Year:

Why do I need to provide this?

Name:

Age:

Gender: ☒ Male ☐ Female

Country:

Are you interested in:

☒ Cooking ☐ Eating ☐ Baking

Please enter a password:

Labels: Edit boxes, Radio Buttons, Drop Down Menu, Check boxes, Password box, Submit Button

Login to the Admin Panel

Username:

Password:



Form Elements

Form Elements	Description
Text Field	Can create a Text Field by using Input Element with Type Attribute.
Pass Word Field	When text is entered in Pass Word Field it shows * * * * Symbol
Combo Box	It can have multiple values and it allows user to select one value at a time
List Box	It can have multiple values and allows user to select more than one value at a time
Radio Button	Can create a Radio Button by using Input Element with Value and Name Attribute
Check Box	Can create Check box by Using Input Element
Command Button	This is useful for submitting any data that is helpful in transferring data across different interfaces

Registration Form Elements

Registration Form

Name

Password

Email

Gender ☐ Male ☐ Female

Interested In

Designing
Coding
Analysis

Agree Terms & Conditions ☐



