

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>
                  <head>
                       <title> Home Page </title>
                                                             HEAD Tags
                  </head>
HTML Tags
                  <body>
                       Hello World!
                  </body>
               </html>
                         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>
Inserts a Hyper Link
Anchor Tag



# Formatting Elements

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

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



# Formatting Elements ...

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



# Example on Formatting Elements

```
< ht.ml>
   Body
                 <head>
 Element
                 <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>
                                                 Heading
Anchor
                 <h4>Mycompany</h4>
                                                Elements
Element
                 <h5>Mycompany</h5>
                 <h6>Mycompany</h6>
                 <font size=10 face= "arial" color = "Black">
                         Welcome to Mycompany Company
                 </font> <br>
                 <br />
<b >BPO Services </b> <br />
<b >
Formatting
                 <i> Software Consulting </i><br>
 Elements
                 <u> Out Sourcing </u> <br>
                  Price : <strike>500 /- </strike> Only 250/- <br>
                  2 < sup > 2 < / sup > = 4 < / br >
                  H<sub>2</sub>0</br>
                 </body> </html>
```



## Images

To insert any image in the web page

```
<img src="/images/logo.png" alt="MyCompany Logo" />
```



### Lists

#### ul> - Uses plain bullets

```
<h4>Technologies</h4>

Java
MySQL
WebServices
```



### Lists

#### Uses numbers

```
     Java
     MySQL
     Web Services

     HTML
     CSS
     Java Script
```



### Tables

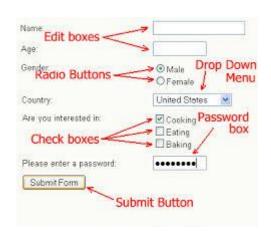
- •A table element is defined with tag
- Table is organized into rows
- Row is organized into columns

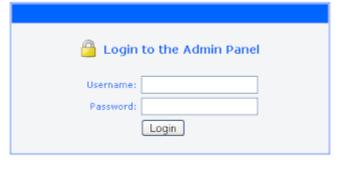


#### Form Elements

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









# 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

Registrati	on Form		
Name			
Password			
Email			
Gender	<ul><li>Male</li><li>Female</li></ul>		
Interested In	Designing Coding Analysis	* E	
Agree Terms & Conditions			
	Submit		





