HTML

HTML is an acronym which stands for **Hyper Text Markup Language** which is used for creating web pages and web applications. Let's see what is meant by Hypertext Markup Language, and Web page.

**Web Page:** A web page is a document which is commonly written in HTML and translated by a web browser. A web page can be identified by entering an URL. A Web page can be of the static or dynamic type. **With the help of HTML only, we can create static web pages.**

**BASIC TAGS**

**<!DOCTYPE>:** It defines the document type or it instruct the browser about the version of HTML.

**<html >** :This tag informs the browser that it is an HTML document. Text between html tag describes the web document. It is a container for all other elements of HTML except <!DOCTYPE>

**<head>:** It should be the first element inside the <html> element, which contains the metadata(information about the document). It must be closed before the body tag opens.

**<title>:** As its name suggested, it is used to add title of that HTML page which appears at the top of the browser window. It must be placed inside the head tag and should close immediately. (Optional)

**<body>**: Text between body tag describes the body content of the page that is visible to the end user. This tag contains the main content of the HTML document.

**BUILDING BLOCKS OF HTML**

* **Tags:** An HTML tag surrounds the content and apply meaning to it. It is written between < and > brackets.
* **Attribute:** An attribute in HTML provides extra information about the element, and it is applied within the start tag. An HTML attribute contains two fields: name & value.

**<tag** name  attribute\_name= " attr\_value"**>** content **</** **tag** name**>**

* **Elements:** An HTML element is an individual component of an HTML file. In an HTML file, everything written within tags are termed as HTML elements.

HTML HEADING

A HTML heading or HTML h tag can be defined as a title or a subtitle which you want to display on the webpage. When you place the text within the heading tags <h1>.........</h1>, it is displayed on the browser in the bold format and size of the text depends on the number of heading.

h1 is the largest heading tag and h6 is the smallest one. So h1 is used for most important heading and h6 is used for least important.

HTML PARAGRAPH

HTML paragraph or HTML p tag is used to define a paragraph in a webpage.

HTML PHRASE TAG

The HTML phrase tags are special purpose tags, which defines the structural meaning of a block of text or semantics of text. Following is the list of phrase tags, some of which we have already discussed in HTML formatting.

* Abbreviation tag : <abbr>
* Acronym tag: <acronym> (not supported in HTML5)
* Marked tag: <mark>
* Strong tag: <strong>
* Emphasized tag : <em>
* Definition tag: <dfn>
* Quoting tag: <blockquote>
* Short quote tag : <q>
* Code tag: <code>
* Keyboard tag: <kbd>
* Address tag: <address>

HTML ANCHOR

The **HTML anchor tag** defines *a hyperlink that links one page to another page*. It can create hyperlink to other web page as well as files, location, or any URL. The "href" attribute is the most important attribute of the HTML a tag. and which links to destination page or URL.

<a href = "..........."> Link Text </a>

HTML IMAGE

**HTML img tag** is used to display image on the web page. HTML img tag is an empty tag that contains attributes only, closing tags are not used in HTML image element.

**<img** src="good\_morning.jpg" alt="Good Morning Friends"**/>**

HTML TABLE

**HTML table tag** is used to display data in tabular form (row \* column). There can be many columns in a row.

We can create a table to display data in tabular form, using <table> element, with the help of <tr> , <td>, and <th> elements.

In Each table, table row is defined by <tr> tag, table header is defined by <th>, and table data is defined by <td> tags.

HTML LIST

HTML Lists are used to specify lists of information. All lists may contain one or more list elements. There are three different types of HTML lists:

1. Ordered List or Numbered List (ol)
2. Unordered List or Bulleted List (ul)
3. Description List or Definition List (dl)

The HTML definition list contains following three tags:

1. **<dl> tag** defines the start of the list.
2. **<dt> tag** defines a term.
3. **<dd> tag** defines the term definition (description).

HTML FORM

An **HTML form** is *a section of a document* which contains controls such as text fields, password fields, checkboxes, radio buttons, submit button, menus etc.

An HTML form facilitates the user to enter data that is to be sent to the server for processing such as name, email address, password, phone number, etc. .

1. **<form** action="server url" method="get|post"**>**
2. //input controls e.g. textfield, textarea, radiobutton, button
3. **</form>**

Form tags

|  |  |
| --- | --- |
| <form> | It defines an HTML form to enter inputs by the used side. |
| <input> | It defines an input control. |
| <textarea> | It defines a multi-line input control. |
| <label> | It defines a label for an input element. |
| <fieldset> | It groups the related element in a form. |
| <legend> | It defines a caption for a <fieldset> element. |
| <select> | It defines a drop-down list. |
| <optgroup> | It defines a group of related options in a drop-down list. |
| <option> | It defines an option in a drop-down list. |
| <button> | It defines a clickable button. |

Code

**<!DOCTYPE html>**

**<html>**

**<head>**

**<link rel="stylesheet" href="pro.css">**

**</head>**

**<body>**

**<h2 id="logo">we think for you</h2>**

**<div id="pic">**

**<img src="codeositylogo.png" height="80px" width="140px">**

**<div id="nav">**

**<a href="">Home</a>**

**<a href="about.html">About</a>**

**<a href="training.html">Training</a>**

**<a href="cours.html">Courses</a>**

**<a href="contact.html">Contact us</a>**

**</div>**

**<h1><em>Welcome To Codeosity</em></h1>**

**<div id="content">**

**<p>At Codeosity Training we are passionate about our training,and we want**

**to take you on this journey with us. Our success is achieved by combining superb,market**

**relevant training with recruitment skills that puts the individual first.This two prolonged approach**

**gives us a great insight into making sure our clients benifit from their**

**investment of time and money and get the skills and career that allows them to fulfil their potential.</p>**

**</div>**

**<div id="im">**

**<img src="images.png" height="130px" width="500px">**

**</div>**

**<h1>Our Services</h1>**

**<div id="content">**

**<p>Our Instructors provide group instruction and one-to-one assistance with a keen**

**ability to transfer knowledge to each and**

**every student of any background.Codeosity offers the following services:</p>**

**</div>**

**<div id="training">**

**<h3>Training</h3>**

**<p>We are first choice of students searching for technical IT training because of our training modules.</p>**

**</div>**

**<div id="training1">**

**<h3>Internship</h3>**

**<p>We provide internship of 3-4 months on various software technologies to increase the chances of getting job.</p>**

**</div>**

**<div id="training2">**

**<h3>Mock Interview</h3>**

**<p>3-4 mock interviews are also conducted by our professionals before giving interview calls to students.</p>**

**</div>**

**<div id="training3">**

**<h3>Live project</h3>**

**<p>Students will get an opportunity to make LIVE project under the assistance of our professionals.</p>**

**</div>**

**</body>**

**</html>**

**Registration form**

**<!DOCTYPE html>**

**<html>**

**<head>**

**<link rel="stylesheet" href="pro.css">**

**</head>**

**<body>**

**<form style="text-align:center;">**

**<table align="center" cellspacing="4px" cellpadding="5px">**

**<h2>Registration Form</h2>**

**<tr> <td>First Name:</td>**

**<td><input type="text" name="fname" value=""></td>**

**</tr>**

**<tr>**

**<td>Last Name:<br><br></td>**

**<td><input type="text" name="lname" value=""></td>**

**</tr>**

**<tr>**

**<td>Email:</td>**

**<td><input type="text" name="email" value=""></td>**

**</tr>**

**<tr>**

**<td>Education :</td>**

**<td><select>**

**<option>select</option>**

**<option>graduate</option>**

**<option>under graduate</option>**

**<option>post graduate</option>**

**</select>**

**</td>**

**<td><select>**

**<option>stream</option>**

**<option>B-tech</option>**

**<option>BSC</option>**

**<option>MCA</option>**

**<option>B.E</option>**

**</select>**

**</td>**

**</tr>**

**<tr>**

**<td> Course:</td>**

**<td><select>**

**<option>select</option>**

**<option>web designing</option>**

**<option>web development</option>**

**<option>php</option>**

**<option>. Net</option>**

**</select>**

**</td>**

**</tr>**

**<tr>**

**<td>city:</td>**

**<td><input type="text" name="city" value=""></td>**

**</tr>**

**<tr>**

**<td>learning mode:</td>**

**<td><select>**

**<option>select</option>**

**<option> online training</option>**

**<option>offline training</option>**

**<tr>**

**<td>Phone:</td>**

**<td><input type="text" name="number" value=""></td>**

**<td><select><option>Mobile</option>**

**<option>landline</option>**

**</select>**

**</tr>**

**<tr>**

**<td>Gender:</td>**

**<td><select style="padding-right: 40px;">**

**<option>choose gender</option>**

**<option>male</option>**

**<option>female</option>**

**</select></td>**

**</tr>**

**<tr>**

**<td>**

**<input id="sub" type ="submit" value="submit"></td>**

**</tr>**

**</table>**

**</form>**

**</body>**

**</html>**