**Session 1-Introduction to HTML**

* Basics of HTML, Tags , Structure , Sample Program
* Elements of HTML
* Attributes
* Headings, Paragraphs, Formating, Comments
* Styles, Colors, Links, Images
* Hands On - Create a personal profile page

HTML stands for Hypertext Markup Language

Hypertext: links to other sections of the page

Markup: text betwee tags or markups that define the structrure . There are other markup languages than html:

Html is a widely used programming language.

Every language needs a translater. All the browsers have the capability to translate the language.

Release year html1. Now will be learning html 5.

Html tags- used to hold the element.: wil start < and ends with >

Html element- hold the content.

Htmll attributes

<doctype >

<html>

<head?

<title> Page Title </title>

<body>

<h2> </h2>

</html>

Embed an image in web pages by linking them: <img src=’’some\_text’’ width=’’ ‘’height=’’’’>

<https://www.tutorialrepublic.com/html-reference/html5-tags.php> website

<!DOCTYPE html>

<html>

<head><!-- head is for information to the browser --> do not put information of content in head because the browser will render..

<title> My web page</title>

-- <h3> this is head section</h3> --we should not put anything here

</head>

<body>

<h2> welcome</h2>

<p> how are you</p>

-- <a href- click here to go to google “www…com” target=”\_blank” -- </a> <br/>

<img src="./images/bird1.jpg" alt="Birg Image" height="100"

<! --try to pull an image from external website-->

<hr/>

<form action=”test.html””> <body>welcome you form weas submitted.

<fieldset> dividing your form into sections

<legend>personal information</legend>

<TABLE>

<tr>

<td> <label for =”name” >name<label/> </td>

<td> <input type=”text” id=”name” placeholder=” inpuiyour name” value=”David”> </td> <br/>

</tr>

<tr>

<td> lavbel for=”email”>email:</label> </td>

<td><input type=”email£ id=”email” placeholder=” input your email></td>

<tr>

<Td> label for=”mobile”>mobile</label> </td>

<td>input type=”mobile” id=”mobile” placeholder=”input your mobile> </td>

< tr/>

<label for=”name”>Name:</label>

<input type=”text” id=”name” placeholder=”input your name” value=”david”><br/><br/> line break

<label for=”email”>Email:</Label>

<input type=”email” id=”email” placeholder=”input your email”>< br/<br/>

<label for=”mobile”>mobile:</label>

<input type=”number”> id=”mobile” placeholder=” input your number”>

<label for=”pwd”>password:</label>

<input tyow=”password” id=”pwd” placeholder=”input your password>

</table>

<fieldset/>

< Label for=”addr”> address: </label;>

<textarea name:”” id=”addr” rows=”3”></textarea></br><br/>

<label for =”sports”> favorite sports:</label>

<input type=”radio” name=”sports” id=”sports”> tennis

<input type=”radio” name=”sports1” id=”sports1”>soccer

<input type=”radio” name=sports 2” is sports2”> cricket

<br/><br/>

<label for =”country”>countries</label>

<select name=”” id=”country”>

<option value=””></option> don’t put anything if you don’t want to have an option

<option value=”USA”>usa</option>

<option value=”USA”>uk</option>

<option value=”USA” selected>france</option> ( to hacve already a country listed)

<Input type=”submit” value=”login”>

<

</form>

<hr/>

<table border=”1”>

<caption>student details</caption>

<thead>

<tr>

<th colspan=”2” >name </th> first row

<th> address </th>

<th> age </th>

</tr>

</thead>

<tbody>

<tr>

<td>alice <//td>

mario

Uk

25

</tr>

<tr>

<td>dave <//td>

Us

32

</tbody>

</table>

<hr/>

<table border=”1”>

<caption favorite and least favorite things><caption/>

<tr> </tr> 5 rows

<th> </th> 4 collums

<th> </th>

<th>bob </th>

<th> alice</th>

</tr>

<tr>

<th rowspan=”2”>favorite</th>

<td>color</th?

<td>blue<</td>

<td>purple</td>

<tr>rowspan=”2”>least favorite< </tr>

<td>

<tr> </tr>

<tr> </tr>

</body>

</html>

<th colspan=”2”> Name</th> lateral

<th rowspan=”3”>aprril</th> jos

save is as mypage.html

<!-- block level tags is when starting a new paragraph--> is to make the text bold

<!--inline tags-->

<!-- html structure-->

<!-- type of tags-->

<! --block level tags, inline tags-->

<th> is used for defining there heading of the table and by dafaults, contents written between.

We will use TD tag to merge two cells (collums) horizontally: colspan 2

Each cell of the table can be represented by using <td>

Can’t be the value of list-style-type: ellipse.

The default start of item marker in ordered list is 1.

</table>

<hr/>unordered list</hr>

<ul> list

<li> milk</li>

<li>coffee</li>

<li<trea</li>

</ul>

<h3>ordered list</h3>

<ol> other list

<li> milk</li>

<li>coffee</li>

<li<trea</li>

</ol>

<dl> description list

<dt> coffee</dt>

<dd> black and hot</dd> description data

<dt>milk</dt>

<dd> white and hot or cold </dd>

</dl>

HTML FORMS is usor to collect data from user.

Html form elements: - the html <form> element can contain one or more of the following form elements:

<input> to take single line input

<label> to label the element

<select>

<textarea>

<button>

<fieldset>

<legend>

<datalist>

<option>

<optggroup>

2 html pages

Anchor tag, Attributesd and tags, description list, colspan, rowspan, ordered and unordered list, block level and inline tags. Table creation.

1. see how your link section of the same page using anchor tag
2. explore more form elements
3. check about div and span tags