

ASSIGNMENT-1

Q1 Explain Structure of HTML with Example.

Ans

```

<html> // Defines start & End.
<head> // Header section of HTML Page
    <title> Give any title </title> // Title of HTML
</head>
<body> // Main Part which defines what should display.
    Web Page Code
</body>
</html>

```

- HTML - is a Markup language which is used by the browser to manipulate text, img and other content to display.
- head - This contain the information about the HTML doc. for eg:- Title of page, version of HTML, etc.
- Body - This tag is used to enclosed all the data which a web page has from texts to links.

eg:-

```

<!DOCTYPE html>
<html>
<head>
<title> Page Title </title>
</head>
<body>
    <h1> My First Heading </h1>
    <p> My first Para </p>
</body>
</HTML>

```

Q2 Explain HTML5 tags with example.

Ans <Audio> used to embed audio on web Page.

• Main Attribute:

- Src - Source of audio.
- Autoplay - used to autoplay audio
- Type - specific type.
- Control - Specifies the related content should be displayed.

eg:- <audio control autoplay>
 <source src="horse.ogg" type="audio/ogg">
 Your browser doesn't support the audio.
 </audio>.

- `<video>` used to embed video on webpage.
 - Main Attributes:
 - `Src` - source of video
 - `Autoplay` - used to autoplay video.
 - `Type` - specifies type.
 - `Control` - specifies the related content should be displayed.

eg:- `<video control autoplay>`
`<source src="hello.mp4" type="audio/mp4">`
 Your Browser doesn't support the video.
`</video>`.

- `<div>` used to create division or section on webpage.

eg:- `<div>`
`<p> division 1 </p>`
`</div>`

- `` tag is used to display image on webpage.

eg:- ``.

• ordered list:

• Tag:

• ``

• ``

• Type: 1, i, I, A, a.

• Reversed

• start

eg:- `<ol type="1" reversed start=5>`

` vad `

` sut `

` xij `

``

• unordered list:

• Tag:

• ``

• ``

• Type: disc, square, circle

eg:-

`<ul type="square">`

` vad `

` sut `

` xij `

``

Q.3 Explain Table in HTML with Example.

Ans `<table>`: used to display table on web page.

`<tr>` table row

`<th>` table heading

`<td>` table data.

• Main Attributes:

- width - width of table
- height - height of table
- Border - border of the table
- Bgcolor - Background color of table
- Rowspan - merge rows
- colspan - merge column.

eg:- `<html>`

`<head>`

`<title> Table tag </title>`

`</head>`

`<body>`

`<h1> The table element </h1>`

`<table>`

`<tr>`

`<th> Month </th>`

`<th> Saving </th>`

`</tr>`


```

</tr>
    <td> January </td>
    <td> 100Rs </td>
</tr>
<tr>
    <td> February </td>
    <td> 200Rs </td>
</tr>
</table>
</body>
</HTML>

```

Q.4 Explain list in HTML with example.

Ans 2 types of list in HTML:

- Ordered list

- Tag used:

- used to display list items.

- Type: 1, i, I, A, a

- Reverse; descending list

- start: specifies initial number of list.

eg:-

```

<!DOCTYPE html>
<html>
<body>
<h1> The ol element </h1>
<ol>
  <li> Coffee </li>
  <li> Tea </li>
  <li> Milk </li>
</ol>
<ol style="list-style-type: none">
  <li> Coffee </li>
  <li> Tea </li>
  <li> Milk </li>
</ol>
</body>
</html>

```

• unordered list

• Tag used:

• : used to display list item.

• Type: disc, square, circle.

eg:-

~~<HTML>~~
~~<head>~~

<HTML>

<body>

<h1> The ul element </h1>

 coffee

 Tea

 Milk

<ul Type="square">

 coffee

 Tea

 Milk

</body>

</HTML>

Q.5 Explain HTML5 form input type with example.

Ans <form> tag is used to get inputs from user.

• It contains input element like text, radio, button, text area, submit etc.

Attribute:

- Name
- Method
- Action.

• `<input>` tag is used to display different input type elements on web page.

• eg:- `<form name="f" method="Post" action="#">`
`<input type="text"/>`
`</form>`

• Number - `<input type="Number" name="quantity" min="1" max="5">`

• Date - `<input type="date" name="bday">`

• Color - `<input type="color" name="favcolor">`

• Range - `<input type="range" name="points" min="0" max="10">`

• Month - `<input type="month" name="bdaymonth">`

• Week - `<input type="week" name="week-year">`

• Time - `<input type="time" name="use-time">`

- Datetime `<input type="datetime" name="bdaytime">`
- Datetime-local: `<input type="datetime-local" name="bdaytime-local">`
- Email - `<input type="email" name="email">`
- Search - `<input type="search" name="search">`
- Tel - `<input type="tel" name="user tel">`
- Url - `<input type="url" name="url">`

eg:-

```
<!DOCTYPE html>
```

```
<html/>
```

```
<head>
```

```
<title> Form in HTML </title>
```

```
</head>
```

```
<body>
```

```
<h2> Registration form </h2>
```

```
<form>
```

```
<fieldset>
```

```
<legend> User Personal information </legend>
```

```
<label> Enter your full name </label>
```



```

<input type="text" name="name"><br>
<label>Enter your email </label><br>
<input type="email" name="email"><br>
<label>Enter your password </label><br>
<input type="password" name="pass"><br>
<label>confirm your password </label><br>
<input type="password" name="pass"><br>
<label>Enter your gender </label>
<input type="radio" id="gender" name="gender" value="male"/
>Male <br>
<input type="radio" id="gender" name="gender" value="female"/
/>female <br>
<input type="radio" id="gender" name="gender" value="
other"/>other <br>
<br>Enter your Address </br>
<textarea></textarea> <br>
<input type="submit" value="sign-up">
</fieldset>
</form>
</body>
</html>

```


Q.6 Create Registration form with necessary fields:

- name
- email
- address
- Password
- Confirm password
- birthdate
- telephone
- company url
- state

Ans

```

<!doctype html>
<html>
<head>
    <title> Registration form </title>
</head>
<body>
    <h2> Registration form </h2>
    <form>
        <fieldset>
            <legend> User Details : </legend>
            <label> Enter your full name </label> <br>
            <input type="text" name="name"> <br>
            <label> Enter email </label> <br>
            <input type="email" name="email"> <br>

```

```

<label> add Enter Your address </label><br>
<input type="text"> </text area> </text area> <br>
<label> Enter Your password </label><br>
<input type="password" name="pass"> <br>
<label> Confirm Your password </label><br>
<input type="password" name="cpass"> <br>
<label> Enter Birth date </label><br>
<input type="date" name="bdate"> <br>
<label> Enter tel phone no. </label><br>
<input type="tel" name="tel"> <br>
<label> Enter company url </label><br>
<input type="url" name="curl"> <br>
<label> Enter state : </label><br>
<select name="state" id="state">
  <option value="gujrat">Gujrat </option>
  <option value="Mumbai">Maharashtra </option>
  <option value="Delhi">Delhi </option>
  <option value="Goa">Goa </option>
</select> <br>
<input type="submit" value="Submit">
</fieldset>
</form>
</body>
</html>

```