

Chapter 4 Lists, tables and forms

Lists

Lists are used to display content which represents a list.

Unordered list

Used to list unordered items.

```
<ul>
  <li>Home</li>
  <li>About</li>
  <li>Contacts </li>
  <li>Registration</li>
</ul>
```

Ordered list

Used to list ordered items.

```
<ol type="i">
  <li>Ali</li>
  <li>Kamal</li>
  <li>Munawar</li>
  <li>Raziq</li>
  <li>Alam</li>
</ol>
```

Tables

The <table> tag is used to define tables in HTML.

It is used to format and display tabular data.

tr tag: Used to display table row.

td tag: Used to display table data.

th tag: Used in place of table data for displaying table headers.

We can define as many table rows as we want.

```
<!-- tables -->
<div>
  <table>
    <tr>
      <th>Reg No</th>
      <th>Student Name</th>
      <th>Marks</th>
      <th>Result</th>
    </tr>
    <tr>
      <td>148</td>
      <td>Munawar Johar</td>
      <td>49</td>
      <td>Pass</td>
    </tr>
    <tr>
      <td>149</td>
      <td>Zulfi</td>
      <td>50</td>
      <td>Pass</td>
    </tr>
  </table>
</div>
```

To add a caption to the table, we use <caption> tag inside table.

thead tag: Used in wrap table head (caption and tr with th)

tbody tag: Used in wrap the table body.

Colspan attribute:

This attribute is used to create cells spanning multiples columns.

<th colspan="3"> Munawar </th> ----- > spans 3 columns.

HTML Forms:

An HTML form is used to collect input from the user. The form tag is used for the same.

```
<form action="">  
  
</form>
```

There are different form elements for different kinds of user input.

Input element:

Can be of type text, checkbox, radio, and button and submit. We also have a file type.

textarea element:

Defines a multi-line text input. cols and rows attribute can be used to size the textarea.

Select element:

Defines a drop down list.

Note: you don't have to remember all the tags, you will automatically memorize them with practice.

Embedding Video:

Video tag is used to play videos in HTML.

```
<video src="video.mp4">Error</video>
```

Attribute for video

We can use.

Width: to adjust width of a video (height automatically adjust).

We can use autoplay/loop to auto play or loop the video.

```
<video src="video.mp4">Error</video>
```

Source Code:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Chapter 4 in Html </title>
</head>

<body>

  <ul>
    <li>Home</li>
    <li>About</li>
    <li>Contacts </li>
    <li>Registration</li>
  </ul>

  <!-- ordered list -->
  <ol type="i">
    <li>Ali</li>
    <li>Kamal</li>
    <li>Munawar</li>
    <li>Raziq</li>
    <li>Alam</li>
  </ol>

  <!-- tables -->
  <div>
    <table>
      <caption>The Result of Students </caption>
      <thead>
```

```

        <tr>
            <th>Reg No</th>
            <th>Student Name</th>
            <th>Marks</th>
            <th colspan="2">Result</th>
        </tr>
    </thead>
    <tbody>
        <tr>
            <td>148</td>
            <td>Munawar Johar</td>
            <td>49</td>
            <td>Pass</td>
            <td>Fail</td>
        </tr>
        <tr>
            <td>149</td>
            <td>Zulfi</td>
            <td>50</td>
            <td>Pass</td>
            <td>Fail</td>
        </tr>
    </tbody>
</table>
</div>
<div>

    <h1>Registrate Now</h1>
    <form action="form.php">

        <input type="text" placeholder="Enter Your Name">
        <label for="SectionIDA">
            <input type="radio" value=" Section a" name="SectionIDA"
id="SectionIDA">SectionA
        </label>
        <label for="SectionIDB">
            <input type="radio" value=" Section a" name="SectionIDB"
id="SectionIDB">SectionB
        </label>
        <input type="checkbox" name="card" id="food" class="red">
        <label for="food"> Select the Food</label>
        <br>
        <textarea rows="10" cols="30" placeholder="Write about Your
Self"></textarea>

```

```
<br>
<select name="Car">
Select Your Car
<option value="car1">Marsides</option>
<option value="car2">Corowla</option>
<option value="suzuki">Suzuki</option>
</select>
</form>

</div>
<div>

    <video src="video.mp4" controls autoplay width="350px"></video>

</div>
</body>

</html>
```

Thank You