

**Mariem Ali Ghazi**

**Network**

**Evening**

**Web lab**

**Lecture Three**

### 3. Discussion

#### Q1:

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<table>
<form>

<tr><td><label for ="mr_mrs_ms"></label></td>
<td><input type="checkbox"name="Mr"> Mr
<input type="checkbox"name="Mrs"> Mrs
<input type="checkbox"name="Ms"> Ms</td></tr>

<tr><td><label for="first_name">First Name</label></td>
<td><input type="text" name="first_name"></td></tr>

<tr><td><label for="last_name">Last Name</label></td>
<td><input type="text" name="last_name"></td></tr>

<tr><td><label for="mail address1">mail
address1 </label></td>
<td><input type="text" name="mail address1"></td></tr>

<tr><td><label for="mail address2">mail
address2</label></td>
<td><input type="text" name="mail address2"></td></tr>

<tr><td><label for="city" calss="fo">city</label></td>
<td><input type="text" name="city"></td></tr>
```

```
<tr><td><label for="state">state</label></td>
<td><select name="satte">
  <option value="baghdad">baghdad</option>
  <option value="basra">basra</option>
  <option value="mousl">mousl</option>
  <option value="erbil">erbil</option></td></tr>
</select><br><br>
```

```
<tr><td><label for="zip">zip</label></td>
<td><input type="text" name="zip"></td></tr>
```

```
<tr><td><label for="upload photo">upload photo</label></td>
<td><input type="file" name="image"></td></tr>
```

```
<tr><td><label for="Email">Email</label></td>
<td><input type="email" name="email"></td></tr>
```

```
<tr><td><label for="mobile" >mobile</label></td>
<td><input type="text" name="+91"></td></tr>
<tr><td>languages known</td><td><input type="checkbox"
  name= "gujarati">gujarati<br>
  <input type="checkbox" name="hindi">hindi<br>
  <input type="checkbox" name="english">english<br>
  <input type="checkbox" name="marathi">marathi</td></tr>
```

```
<tr><td><label for="additional info">additional
  info</label></td>
<td><textarea name="additional info"
  rows="4"></textarea></td></tr>
<tr><td><label for="submit"></label></td>
<td><input type="submit"> <input type="reset"></td></tr>
</form>
</table> </body></html>
```

**Q2: Write a HTML program to design a form which should allow to enter your personal data (Hint: make use of text field, password field, e-mail, lists, radio buttons, checkboxes, submit button)**

```
<!DOCTYPE html>
<html>
  <head>

  </head>
  <body>
    <b>User Regisreation</b><br>
    <p>please complete the following form to register with our site:</p>
    <table>
      <form>
        <tr>
          <td><label for="username">user name:</label></td>
          <td><input type="text"></td>
        </tr>
        <tr>
          <td><label for="password">password:</label></td>
          <td><input type="password"></td>
        </tr>
        <tr>
          <td><label for="gander">gander</label></td>
          <td><input type="radio">male<br><input type="radio">female</td>
        </tr>
        <tr>
          <td><label for="about"> how did you hear about us?</label></td>
          <td><select name="select answer">
            <option>select answer</option>
          </select></td>
        </tr>
      </form>
    </table>
  </body>
</html>
```

```
<tr>
<td><label for="password">please select this box if you wish<br>to be
adde to our mailing list</label></td>

<td><input type="checkbox"></td>
</tr>
<tr>
<td>we will not pass on your details to any third party</td>
</tr>
<tr><td>
<td><input type="submit" value="Register now"></td>
</tr>
</form>
</table>
</body>
</html>
```

### **Q3:**

What are some fundamental HTML tags and their purposes in web development?

HTML (Hypertext Markup Language) is the standard markup language for creating web pages. Here are some fundamental HTML tags and their purposes in web development:

`<html>`: This tag defines the root of an HTML document.

`<head>`: This section typically contains meta-information about the document, such as the title of the page.

`<meta>`: This tag provides metadata about the HTML document, like character encoding or authorship details.

`<title>`: It specifies the title of the web page, which is displayed in the browser's title bar or tab.

`<body>`: This tag contains the visible content of the web page, including text, images, links, and more.

`<h1>` to `<h6>`: These tags are used for headings, with `<h1>` being the highest level and `<h6>` the lowest. They indicate the hierarchy of information on the page.

`<p>`: This tag is used for paragraphs, enclosing text content.

`<a>`: It creates hyperlinks to other web pages or resources.

`<img>`: Used to display images on the web page, with attributes like "src" for the image source.

`<ul>` and `<ol>`: These tags define unordered and ordered lists, respectively.

`<li>`: This tag represents list items within `<ul>` or `<ol>` lists.

`<div>`: A container element that is often used for layout and grouping other elements.

`<span>`: Similar to `<div>`, but used for inline styling and grouping.

`<table>`: Used to create tables, with associated tags like `<tr>` for table rows, `<th>` for table headers, and `<td>` for table data.

`<form>`: It defines an interactive form for user input, including elements like `<input>`, `<textarea>`, and `<button>`.

`<input>`: A versatile tag for various form input types, such as text fields, radio buttons, checkboxes, and more.

`<br>`: It's a line break tag, used to create a line break within the text, similar to pressing "Enter" on a keyboard.

`<hr>`: This tag creates a horizontal line or thematic break on the page, often used for separating content sections

`<meta charset="UTF-8">`: This is commonly included in the `<head>` section of an HTML document to specify the character encoding used for the text on the page.

`<strong>` and `<em>`: These tags are used for text formatting. `<strong>` makes text bold, while `<em>` italicizes text. They provide semantic meaning for emphasis.

`<sub>` and `<sup>`: These tags are used for subscripts and superscripts, allowing for the representation of mathematical equations, chemical formulas, or footnotes.

These are some of the fundamental HTML tags used in web development. They structure and format content, making it accessible and visually appealing for users.