

## LAB FOR SESSION 6

### A. OBJECTIVES:

- Understanding how to create and format tables.
- Understanding the process of merging table cells.
- Using input tag in HTML form.
- Practice HTML5 tags

### B. STEP BY STEP EXERCISES

#### 1. Create and format table

Using tables

Employee name	Designation	Salary
John	Manager	4000
David	Office	2500
Graham	Executive	3000

Figure - 6.1 Create and format table

```
<!DOCTYPE html>
<html>
<head>
  <title>Using table</title>
</head>
<body>
  <table border="1" align="center" cellpadding="5" cellspacing="0" bordercolor="#339999">
    <caption align="center">Using tables</caption>
    <tr>
      <th>Employee name</th>
      <th>Designation</th>
      <th>Salary</th>
    </tr>
    <tr>
      <td>John</td>
      <td>Manager</td>
      <td>4000</td>
    </tr>
    <tr>
      <td>David</td>
      <td>Office</td>
      <td>2500</td>
    </tr>
    <tr>
      <td>Graham</td>
      <td>Executive</td>
      <td>3000</td>
    </tr>
  </table>
</body>
</html>
```

## 2. Merging table cells

**My Company Limited**

		Clips	Staples	Pens
Quarter1	Jan	2500	1000	1240
	Feb	3000	2500	4000
	March	3200	1000	1240
Quarter 2	Apr	2500	100	4000
	May	3000	2500	4000
	June	3200	1000	1240
Quarter 3	July	2500	100	4000
	August	3000	2500	4000
	Sept	3200	1000	1240
Quarter 4	Oct	2500	100	4000
	Nov	3000	2500	4000
	Dec	3200	1000	1240

Figure 6.2 - Merge cells

### Hint:

```
<!DOCTYPE html>
<html>

<head>
|   <title>Merge cell in table</title>
</head>

<body>
|   <table border="1" align="center">
|       <caption align="center">
|           <h3>My Company Limited</h3>
|       </caption>
|       <tr>
|           <th colspan="2">&nbsp;</th>
|           <th>Clips</th>
|           <th>Staples</th>
|           <th>Pens</th>
|       </tr>
|       <tr>
|           <td rowspan="3">Quater1</td>
|           <td>Jan</td>
|           <td>2500</td>
|           <td>1000</td>
|           <td>1240</td>
|       </tr>
|       <tr>
|           <td>Feb</td>
|           <td>3000</td>
|           <td>2500</td>
|           <td>4000</td>
|       </tr>
```

```

<tr>
  <td>March</td>
  <td>3200</td>
  <td>1000</td>
  <td>1240</td>
</tr>
<tr>
  <td rowspan="3">Quarter 2</td>
  <td>Apr</td>
  <td>2500</td>
  <td>100</td>
  <td>4000</td>
</tr>
<tr>
  <td>May</td>
  <td>3000</td>
  <td>2500</td>
  <td>4000</td>
</tr>
<tr>
  <td>June</td>
  <td>3200</td>
  <td>1000</td>
  <td>1240</td>
</tr>

```

```

<tr>
  <td rowspan="3">Quarter 3</td>
  <td>July</td>
  <td>2500</td>
  <td>100</td>
  <td>4000</td>
</tr>
<tr>
  <td>August</td>
  <td>3000</td>
  <td>2500</td>
  <td>4000</td>
</tr>
<tr>
  <td>Sept</td>
  <td>3200</td>
  <td>1000</td>
  <td>1240</td>
</tr>
<tr>
  <td rowspan="3">Quarter 4</td>
  <td>Oct</td>
  <td>2500</td>
  <td>100</td>
  <td>4000</td>
</tr>

```

```

<tr>
  <td>Nov</td>
  <td>3000</td>
  <td>2500</td>
  <td>4000</td>
</tr>
<tr>
  <td>Dec</td>
  <td>3200</td>
  <td>1000</td>
  <td>1240</td>
</tr>
</table>
</body>
</html>

```

### 3. Using HTML5 forms

Create form with the following formatting

***APPLICATION FORM***

**First Name :**

**Birthday :**

**Education :** ☐ Graduate ☐ Post Graduate

**Gender :** ☐ Male ☐ Female

**Salary :**

**Remarks :**

Type your text here

**Country :**

Figure 6.3 - Create and format form

To finish above form, please type the following code:

[illegible]

## Lab for Session 6

**Personal Information**

Title

User name

Password

Address

Education  12

Email

BirthDay

Time

Telephone

Favourite color:

Figure 6.4 – Using new elements in HTML5 form

```
<!DOCTYPE html>
<html>

<head>
  <meta charset="utf-8" />
  <title>New controls example</title>
</head>

<body>
  <form name="newform">
    <fieldset>
      <legend style="color: blue; font-size: 20px; font-weight: bold;">Personal Information</legend>
      <datalist id="mydata">
        <option label="Mr" value="Mister">
        <option label="Mrs" value="Mistress">
        <option label="Ms" value="Miss">
      </datalist>
      <table width="499" border="0" align="center">
        <tr>
          <td width="159">Title</td>
          <td width="541"><input type="text" list="mydata" size="10"></td>
        </tr>
        <tr>
          <td>User name</td>
          <td><input type="text" name="name_control" autofocus required /></td>
        </tr>
        <tr>
          <td>Password</td>
          <td><input type="password" name="password_control" required /></td>
        </tr>
      </table>
    </fieldset>
  </form>
</body>
</html>
```

```

<tr>
  <td>Address</td>
  <td><label for="Address"></label>
    <textarea name="address" id="address"></textarea></td>
</tr>
<tr>
  <td>Education </td>
  <td>0<input type="range" name="range_control" min="0" max="10" value="0" />
    <output for="range_control" name="range_control_value">12</output></td>
</tr>
<tr>
  <td>Email</td>
  <td><input type="email" name="email_control" required/></td>
</tr>
<tr>
  <td>BirthDay</td>
  <td><input type="date" name="date_control" /></td>
</tr>
<tr>
  <td>Time</td>
  <td><input type="time" name="time_control" /></td>
</tr>
<tr>
  <td>Telephone</td>
  <td><input type="tel" name="tel_control" /></td>
</tr>
<tr>
  <td>Favourite color:</td>
  <td><input type="color" name="color_control" /></td>
</tr>
<tr>
  <td>&nbsp;</td>
  <td><input type="submit" value="Submit" />
    <input type="reset" name="Reset" id="button" value="Reset"></td>
</tr>
</table>
</fieldset>
</form>
</body>
</html>

```

### C. EXTRA EXERCISES (Homework)

#### 1. Write the HTML document to create a table as shown in Figure 6.5





Figure 6.5 - Images and the table combination

*Note: All Images have been provided in Images folder*

**2. Write the HTML document to create a form as shown in Figure 6.6**

**REGISTRATION**

---

Username:

Password:

Re-type Password:

---

Birthday:  ,  ,  (Month Day, Year)

Images:  No file chosen

---

First Name:  Last Name:

---

Interests (optional):

<input type="checkbox"/> Entertainment	<input type="checkbox"/> Business
<input type="checkbox"/> Home & Family	<input type="checkbox"/> Computers & Technology
<input type="checkbox"/> Health	<input type="checkbox"/> Personal Finance
<input type="checkbox"/> Music	<input type="checkbox"/> Small Business

---

Figure 6.6 - Registration form