**1.DESCRIPTION:**

tag to display structured data.

1. The first program displays a list of people with their serial number, first name, and second name. However, there are some syntax errors:
   * <bgcolour> should be bgcolor
   * Some <tr> tags are missing, which might cause formatting issues.
2. The second program shows a table with merged headers using colspan="2" for both "phone number" and "email id". It then lists two phone numbers and two email addresses in aligned columns. This table is centered using align="center".
3. The third program demonstrates the use of rowspan="2" to group related data. For each heading ("name" and "phone number"), two corresponding values are shown vertically in rows. This structure is useful for showing grouped or repeated data clearly.

**PROGRAM**:

<html>

<body bgcolor="Periwinkle">

<table border="1" bordercolor="black" bgcolour="lavender" >

<tr>

<th>S.no</th>

<th>Frist name</th>

<th>Second name</th>

</tr>

<tr>

<td>1</td>

<td>Pushpa</td>

<td>Garaga</td>

</tr>

<td>2</td>

<td>sruthi</td>

<td>dupalapudi</td>

</tr>

<td>3</td>

<td>Sushma</td>

<td>Pusala</td>

</tr>

<td>4</td>

<td>Pravalika</td>

<td>Valli</td>

</tr>

</table> </body>

</html>

**1.2.PROGRAM:**

<html>

<body>

<table border="1" align="center">

<tr>

<th colspan="2">phone number</th>

<th colspan="2">email id</th>

</tr>

<tr>

<th>phone number1</th>

<th>phone number2</th>

<th>email id1</th> <th>email id2</th>

</tr>

<tr>

<th>9849274765</th>

<th>9492128909</th>

<th>garagapushpa@gmail.com</th>

<th>24B11CS129@gmail.com</th>

</tr>

</table> </body>

</html>

**1.3.PROGRAM:**

<html>

<body bgcolor=”Pink”>

<table border="1" align="center">

<tr><th rowspan="2">name</th><td>Pushpa</td></tr>

<tr><Td>Sushma</td></tr>

<tr><th rowspan="2">Phone number</th><td>9989274765</td></tr>

<tr><Td>9989445038</td></tr>

</table> </body>

</html>

**2.DESCRIPTION:**

This HTML program creates a detailed weekly class timetable for a Computer Science and

Engineering (CSE) department using the <table> tag. The table includes days of the week as rows and time slots from 9:30 AM to 4:20 PM as columns. It uses attributes like border, cellspacing, and cellpadding to style the table and improve readability. A <caption> provides the title, and rowspan="5" is used to merge the "Lunch Break" cell vertically across all weekdays. Each cell under the days lists scheduled subjects or labs such as DBMS, TOC, CPP, etc. The program effectively organizes the weekly schedule in a clean, structured format.

**PROGRAM:**

<html>

<head>

<title>COLLEGE TIMETABLE</title>

</head>

<body bgcolor="Lavender">

<h2>Weekly class timetable</h2>

<table border="1" cellspacing="5" cellpadding="10">

<caption><strong>Class Timetable - CSE Department</strong></caption> <tr>

<th>Day</th>

<th>9:30 - 10:20AM</th>

<th>10:20 - 11:10AM</th>

<th>11:10 - 12:00PM</th>

<th>12:00 - 1:00PM</th>

<th>1:00 - 1:50PM</th>

<th>1:50 - 2:40PM</th>

<th>2:40 - 3:30PM</th> <th>3:30 - 4:20PM</th>

</tr>

<tr>

<td>Monday</td>

<td>DBMS lab</td>

<td>DBMS lab</td>

<td>DBMS lab</td>

<td>TOC</td>

<td rowspan="5" style="text-align:center;">LUNCH BREAK</td>

<td>DAP LAB</td>

<td>DAP LAB</td>

<td>DMS</td>

</tr>

<tr>

<td>TUesday</td>

<td>DAP</td>

<td>DAP</td>

<td>PSA</td>

<td>PSA</td> <td>ASE</td> <td>CPP</td>

<td>FIP</td>

</tr>

<tr>

<td>WEDNESDAY</td>

<td>CPP lab</td>

<td>CPP lab</td>

<td>DBMS</td>

<td>DMS</td>

<td>IMSD LAB</td>

<td>IMSD LAB</td>

<td>TOC</td>

</tr>

<tr>

<td>THURSDAY</td>

<td>TOC</td>

<td>CPP</td>

<td>ASE</td>

<td>DMS</td>

<td>Coding LAB</td>

<td>Coding LAB</td>

<td>Coding Lab</td>

</tr>

<tr>

<td>FRIDAY</td>

<td>IMSD lab</td>

<td>IMSDlab</td>

<td>ASE</td>

<td>DBMS</td>

<td>CPP LAB</td>

<td>CPP LAB</td>

<td>FIP</td>

</tr>

</table> </body>

</html>

**3.DESCRIPTION:**

This HTML program creates a Student Registration Form using a structured table format. It includes various input fields such as First Name, Last Name, Password, Age, Date of Birth, Gender, Languages Known, Course Selection, and Address. The form uses different input types like text, radio, checkbox, date, and textarea, along with a select dropdown for choosing a course. It also includes Submit and Reset buttons for form control. The form is centered using the align="center" attribute in the table, and basic validation is applied using the required attribute for mandatory fields. However, there are a few minor errors: <lable> should be <label>, <forms> should be <form>, and algin="center" should be align="center". Overall, this form provides a clean and functional layout for collecting student registration details.

**PROGRAM:**

<!DOCTYPE html>

<html>

<head>

<title>Registration form</title>

</head>

<body bgcolor="Lavender">

<h2 align="center">student registration form</h2>

<form method="Post" action="#">

<table border="1" align="center" cellpadding="10" cellspacing="0">

<tr>

<td><label for="fname">first name:</lable></td>

<td><input type="text" id="fname" name="fname" required></td>

</tr>

<tr>

<td><label for="lname">last name:</lable></td>

<td><input type="text" id="lname" name="lname" required></td>

</tr>

<tr>

<td><label for="password">password:</lable></td>

<td><input type="text" id="passsword" name="password" required></td>

</tr>

<tr>

<td><label for="age">age:</lable></td>

<td><input type="text" id="number" name="age" min="0" max="100"></td>

</tr>

<tr>

<td><label for="dob">Date of birth:</lable></td>

<td><input type="text" id="dob" name="dob" ></td>

</tr>

<tr>

<td>Gender:</td>

<td>

<input type="radio" id="male" name="gender" value="male">

<label for="male">male</label>

<input type="radio" id="female" name="gender" value="female">

<label for="female">female</label>

</td>

</tr>

<tr>

<td>language known:</td>

<td>

<input type="checkbox" id="english" name="language" value="english">

<label for="english">english</label>

<input type="checkbox" id="telugu" name="language" value="telugu">

<label for="telugu">telugu</label>

<input type="checkbox" id="hindi" name="language" value="hindi">

<label for="hindi">hindi</label>

</td>

</tr>

<tr>

<td><label for="course">course:</label></td>

<td>

<select id="course" name="course">

<option value="">---select---</option>

<option value="B.TECH">B.TECH</option>

<option value="M.TECH">M.TECH</option>

<option value="MBA">MBA</option>

<option value="BBA">BBA</option>

</select>

</td>

</tr>

<tr>

<td><label for="address">address:</label></td>

<td><textarea id="address" name="address" rows="4" cols="30"></textarea></td>

</tr>

<tr>

<td colspan="2" align="center">

<input type="submit" value="submit">

<input type="reset" value="reset">

</td>

</tr>

</table>

</forms>

</body>

</html>

**4.DESCRIPTION:**

This HTML program demonstrates the use of frameset to divide the browser window into three vertical frames (columns) using the cols="33%,33%,34%" attribute. Each column loads a different HTML file:

* The first frame (ApplicationFrame) loads 1c.html.
* The second frame (demoFrame) loads forms.html.
* The third frame (hyperlinkFrame) loads DOCTYPE.html.

**PROGRAM:**

<!DOCTYPE html>

<html>

<head>

<title>Frames Example - Vertical Split</title>

</head>

<frameset cols="33%,33%,34%">

<frame src="1c.html" name="ApplicationFrame">

<frame src="forms.html" name="demoFrame">

<frame src="DOCTYPE.html" name="hyperlinkFrame">

<noframes>

<body>

<p>Your browser does not support frames . Please update your browser.</p>

</body>

</noframes>

</frameset>

</html>