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Web Design Practical
DCA-3131

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Web Design Practical



1. Write HTML code to display a table with three rows and three columns and merge all the columns of the first row .

Solution 1 :-

```
<!DOCTYPE html>
<html>
<head>
  <title>HTML Table Example</title>
</head>
<body>
  <table border="1">
    <tr>
      <th colspan="3">Merged Header</th>
    </tr>
    <tr>
      <td>Row 2, Col 1</td>
      <td>Row 2, Col 2</td>
      <td>Row 2, Col 3</td>
    </tr>
    <tr>
      <td>Row 3, Col 1</td>
      <td>Row 3, Col 2</td>
      <td>Row 3, Col 3</td>
    </tr>
  </table>
</body>
</html>
```

Program Output

Merged Header		
Row2,Col1	Row2,Col2	Row2,Col3
Row3,Col1	Row3,Col2	Row3,Col3

2. Create the following HTML form .

FIRST NAME :

LAST NAME :

GENDER:
 Male Female

Subject:

Multimedia ▾
Multimedia
 Multimedia
 Operating system
 CSA

Solution 1 :- <!DOCTYPE html>

```

<html>
<head>
  <title>Sample Form</title>
</head>
<body>
  <form action="#" method="post">
    <label for="first_name">FIRST NAME:</label>
    <input type="text" id="first_name" name="first_name"
required><br><br>
    <label for="last_name">LAST NAME:</label>
    <input type="text" id="last_name" name="last_name"
required><br><br>
    <label>GENDER:</label>
    <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><br><br>
    <label for="subject">Subject:</label>
    <select id="subject" name="subject">
      <option value="Math">Multimedia </option>
      <option value="Science">Multimedia </option></option>
      <option value="History">Multimedia </option>
      <option value="English">Operating system </option>
      <option value="Other">CSA</option>
    </select><br><br>
    <input type="submit" value="Submit">
  </form>
</body>
</html>

```

Program Output

FIRST NAME :

LAST NAME :

GENDER:

Male Female

Subject:

Multimedia ▾
Multimedia
Multimedia
Operating system
CSA

Submit



3. Write HTML page to add two number and perform addition using JavaScript .

Solution 1 :-

```
<!DOCTYPE html>
<html>
<head>
  <title>Addition Calculator</title>
  <script>
    function addNumbers() {
      // Get the values of the input fields
      var num1 = parseFloat(document.getElementById("num1").value);
      var num2 = parseFloat(document.getElementById("num2").value);

      // Check if the input is valid
      if (isNaN(num1) || isNaN(num2)) {
        alert("Please enter valid numbers.");
      } else {
        // Perform addition
        var result = num1 + num2;

        // Display the result
        document.getElementById("result").innerHTML = "Result: " +
result;
      }
    }
  </script>
</head>
<body>
  <h1>Addition Calculator</h1>
  <label for="num1">Enter Number 1:</label>
  <input type="text" id="num1"><br><br>

  <label for="num2">Enter Number 2:</label>
  <input type="text" id="num2"><br><br>

  <button onclick="addNumbers()">Add</button><br><br>

  <div id="result"></div>
</body>
</html>
```

Program Output

Enter Number 1:

Enter Number 2 :

Add

4. Write a HTML code to generate following output

Top Frame	
Left Frame	Right Frame

Solution 1 :-

```
<!DOCTYPE html>
<html>
<head>
  <title>HTML Table Example</title>
</head>
<body>
  <table border="2" width="600px" height="300px" bordercolor="black">
    <tr>
      <th colspan="2" style="background-color: red;">Top Frame</th>
    </tr>
    <tr>
      <td style="background-color: orange;">Left Frame</td>
      <td style="background-color: orange;">Right Frame</td>
    </tr>
  </table>
</body>
</html>
```

Program Output

Top Frame	
Left Frame	Right Frame

5. Create an HTML page having a div tag with background color and shadow effect .

Solution 1 :-

```
<!DOCTYPE html>
<html>
<head>
  <title>Div with Background Color and Shadow</title>
  <style>
    /* Define styles for the div */
    .colored-box {
      width: 200px;
      height: 200px;
      background-color: #3498db; /* Set background color */
      box-shadow: 5px 5px 10px rgba(0, 0, 0, 0.5); /* Apply shadow effect */
    }
  </style>
</head>
<body>
  <div class="colored-box">
    <!-- Content within the div -->
    <br><h1> <center>Hello!</center></h1>
    <h2> <center> Manipal University Jaipur.</center> </h2>
  </div>
</body>
</html>
```

Program Output

