

Q1. Write html and css for the following using div

Header		
Navigation	Content	Sidebar
Footer		

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Layout</title>
  <style>
    *{
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }

    .header{
      border: 2px solid blue;
      height:50px;
      width:100%;
      text-align: center;
    }

    .navigation{
      border: 2px solid red;
      height: 500px;
      width: 10%;
```

```
        float: left;
        text-align: center;
    }
    .content{
        border: 2px solid green;
        height: 500px;
        width: 80%;
        float: left;
        text-align: center;
    }
    .sidebar{
        border: 2px solid yellow;
        height: 500px;
        width: 10%;
        float: left;
        text-align: center;
    }
    .footer{
        border: 2px solid black;
        height: 50px;
        width: 100%;
        text-align: center;
    }
</style>
</head>
<body>
    <div class="header">Header</div>
    <div class="navigation">Navigation</div>
    <div class="content">Content</div>
    <div class="sidebar">Sidebar</div>
    <div style="clear: both;"></div>
    <div class="footer">Footer</div>
</body>
</html>
```

Q 2. Write html for the following table

H1	H2	H3
C1	C2	
	C3	C4

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Table</title>
</head>

<body>
  <center>
    <table border="1" width="50%" style="text-align: center;">
      <tr>
        <td>H1</td>
        <td>H2</td>
        <td>H3</td>
      </tr>
      <tr>
        <td rowspan="2">C1</td>
        <td colspan="2">C2</td>
      </tr>
      <tr>
        <td>C3</td>
        <td>C4</td>
      </tr>
    </table>
  </center>
</body>
```

</html>

Q3. Write a Program to display count, from 5 to 15 using PHP loop as given below.

```
<?php
// Using a for loop to display count from 5 to 15
for ($i = 5; $i <= 15; $i++) {
    echo $i . " ";
}

?>
```

Q4. Write a program in javascript for Unit Conversion from Kilometer (km) to Centimeter (cm). use of message box is necessary .

```
<!DOCTYPE html>
<html>

<head>
    <title>Kilometer to Centimeter Converter</title>
</head>

<body>

    <script>
        // Function to convert Kilometers to Centimeters
        function convertToCentimeters() {
            // Get input value from the user
            var kilometers = prompt("Enter distance in kilometers:");

            // Check if the user entered a value
            if (kilometers !== null && kilometers !== "") {
                // Convert kilometers to centimeters (1 km = 100,000 cm)
                var centimeters = kilometers * 100000;

                // Display the result using a message box
```

```
        alert(kilometers + " kilometers is equal to " + centimeters + "
centimeters.");
    } else {
        // Display an alert if the user didn't enter a value
        alert("Invalid input. Please enter a valid distance in kilometers.");
    }
}

// Call the function to start the conversion
convertToCentimeters();
</script>

</body>

</html>
```