

# **Assignment 4: Web Technologies**

## **Assignment**

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# PART:1

Q1. Write html and css for the following using div

ANS:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>CSS Template</title>

  <meta charset="utf-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

<style>
  * {
    box-sizing: border-box;
  }
  Body
  {
    font-family: Arial, Helvetica, sans-serif;
  }
  .header
  {
    background-color: #f1f1f1;
    padding: 20px;
    text-align: center;
    font-size: 25px;
  }
```

```
.column  
{  
    float: left;  
    padding: 10px;  
    height: 300px;  
}  
.column.side  
{  
    width: 20%;  
}  
.column.middle  
{  
    width: 60%;  
}  
.row:after  
{  
    content: "";  
    display: table;  
    clear: both;  
}  
.footer  
{  
    background-color: #f1f1f1;  
    padding: 10px;  
    text-align: center;  
}
```

```
@media (max-width: 600px)
{
    .column.side, .column.middle {
        width: 100%;
    }
}
</style>

</head>

<body>
<div class="header">
    <h2>HEADER</h2>
</div>
<div class="row">
<div class="column side" style="background-color:#aaa;">
    <P>NAVIGATION</P>
</div>
<div class="column middle" style="background-color:#bbb;">
    <CENTER><P>CONTENT</p></CENTER>
</div>
    <CENTER><div class="column side" style="background-
color:#ccc;">SIDEBAR</div></CENTER>
</div>

<div class="footer">
    <p>FOOTER</p>
</div>
</body>
</html>
```

Q 2. Write html for the following table

ANS:

```
<!DOCTYPE html>
<html>
<head>
<style>
table, th, td {
    border: 1px solid black;
    border-collapse: collapse;
}
th, td {
    padding: 5px;
    text-align: left;
}
</style>
</head>
<body>
<table style="width:100%;" >
  <tr >
    <td style="text-align: center;"><h1>H1</h1></td>
    <td style="text-align: center;"><h2>H2</h2></td>
    <td style="text-align: center;"><h3>H3</h3></td>
  </tr>
  <tr>
    <td rowspan="2" style="text-align: center;">C1</td>
    <td colspan="2" style="text-align: center;">C2</td>
  </tr>
  <tr>
    <td style="text-align: center;">C3</td>
    <td style="text-align: center;">C4</td>
  </tr>
</table>
</body></html>
```

## PART:2

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

ANS:

```
<HTML>
<HEAD>
</HEAD>
<?php
    $count = 5;
    while($count <= 15)
    {
        echo $count;
        echo "<br>" ;
        $count++;
    }
?>
</HTML>
```

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

**ANS:**

```
<!DOCTYPE html>
<html>
<title>Kilometers to Centimeters Length Converter</title>
<body>

<h2>Kilometers To Centimeters Converter</h2>

<p>
  <p id="msg"></p>
</p>
<script>
  var tenure = prompt("Please enter Kilometers To Convert In Centimeters",
  "");
  // function LengthConverter(valNum) {
  //   document.getElementById("outputcm").innerHTML=valNum*100000;
  // }
  document.getElementById("msg").innerHTML =tenure+ " Kilometers Is Equal To
  " + tenure*100000 + " Centimeters";

</script>
</body>
</html>
```