

CCA-Web Technologies

Assignment

Part - 1

Q1: Write html and CSS for the following using div.

Header		
Navigation	Content	Sidebar
Footer		

Ans: -

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
body, h1, h2, p, ul { margin: 0;
                      padding: 0;
                      }
```

```
.container { display: grid;
```

```
grid-template-columns: 200px 1fr 200px;
```

```
grid-template-rows: auto 1fr auto;
```

```
min-height: 100vh;
```

```
    }  
    header { grid-column: 1/4;  
              background-color: #333;  
              color: #fff;  
              padding: 20px;  
              text-align: center;  
            }  
    nav { grid-column: 1;  
          grid-row: 2/4;  
          background-color: gray;  
          padding: 20px;  
          text-align: center;  
        }  
    main { grid-column: 2;  
           grid-row: 2;  
           padding: 20px;  
           text-align: center;  
         }  
    aside { grid-column: 3;  
            grid-row: 2/4;  
            background-color: gray;  
            padding: 20px;  
            text-align: center;  
          }  
    footer { grid-column: 1/4;  
             background-color: #333;  
             color: #fff;  
             padding: 20px;  
             text-align: center;  
           }  
  
</style>  
</head>
```

```

<body>
  <div class="container">
    <header>
      <h1>Header</h1>
    </header>
    <nav>
      <h3>Navigation</h3>
    </nav>
    <main>
      <h2>Content</h2>
    </main>
    <aside>
      <h3>Sidebar</h3>
    </aside>
    <footer>
      <p>Footer</p>
    </footer>
  </div>
</body>
</html>

```

Q.2: Write html for the following table.

H1	H2	H3
C1	C2	
	C3	C4

Ans: -

```

<!DOCTYPE html>
<html>
  <head>
    <style>
      table {border-collapse: collapse;

```

```

        width: 100%;
    }

    td {border: 1px solid black;
        padding: 8px;
        text-align: center;
    }
</style>
</head>
<body>
<table>
    <tr>
        <td>H1</td>
        <td>H2</td>
        <td>H3</td>
    </tr>
    <tr>
        <td rowspan="4">C1</td>
    </tr>
    <tr>
        <td rowspan="2" colspan="2">C2</td>
    </tr>
    <tr></tr>
    <tr>
        <td>C3</td>
        <td>C4</td>
    </tr>
</table>
</body>
</html>

```

Part - 2

Q.3: Write a Program to display count, from 5 to 15 using PHP loop as given below.

Ans: -

```
<html>
  <body>
    <?php
      for ($i = 5; $i <=15; $i++)
      {
        echo $i . "<br>";
      }
    ?>
  </body>
</html>
```

Q.4: Write a program in javascript for Unit Conversion from Kilometer (km) to Centimeter (cm). use of message box is necessary.

Ans: -

```
function convertKilometersToCentimeters(kilometers)
{
  return kilometers * 100000;
}
```

```
var kilometers = prompt("Enter a distance in kilometers:");
```

```
var centimeters = convertKilometersToCentimeters(kilometers);
```

```
alert(kilometer + "kilometers is equal to " + centimeters +
"centimeters.");
```