

CCA-104: Web Technologies Assignment

Part 1

Q1. HTML and CSS for layout using div

```
<!DOCTYPE html>
<html>
<head>
  <style>
    body {
      margin: 0;
      padding: 0;
      font-family: Arial, sans-serif;
    }
    .header {
      background-color: #f1f1f1;
      padding: 20px;
      text-align: center;
      border: 1px solid #ddd;
    }
    .navigation {
      background-color: #333;
      color: white;
      padding: 10px;
      border: 1px solid #444;
    }
    .content {
      float: left;
      width: 70%;
      padding: 15px;
      background-color: #fff;
      border: 1px solid #ddd;
      min-height: 300px;
    }
    .sidebar {
      float: right;
      width: 25%;
      padding: 15px;
      background-color: #f9f9f9;
      border: 1px solid #ddd;
      min-height: 300px;
    }
  </style>
</head>
<body>
  <div class="header">
    <h1>Web Technologies</h1>
  </div>
  <div class="navigation">
    <a href="#home">Home</a>
    <a href="#about">About</a>
    <a href="#services">Services</a>
    <a href="#contact">Contact</a>
  </div>
  <div class="content">
    <h2>Content Area</h2>
    <p>This is the main content area of the page. It contains the primary information and is styled with a white background and a border. It is floated to the left and takes up 70% of the width of the page.
  </div>
  <div class="sidebar">
    <h3>Sidebar</h3>
    <p>This is the sidebar area of the page. It is floated to the right and takes up 25% of the width of the page. It contains additional information and is styled with a light gray background and a border.
  </div>
</body>
</html>
```

```

    }
    .footer {
        clear: both;
        background-color: #333;
        color: white;
        text-align: center;
        padding: 10px;
        border: 1px solid #444;
    }
</style>
</head>
<body>
    <div class="header">Header</div>
    <div class="navigation">Navigation</div>
    <div class="content">Content</div>
    <div class="sidebar">Sidebar</div>
    <div class="footer">Footer</div>
</body>
</html>

```

Q2. HTML for table

```

<!DOCTYPE html>
<html>
<body>
    <table border="1">
        <tr>
            <th>H1</th>
            <th>H2</th>
            <th>H3</th>
        </tr>
        <tr>
            <td>C1</td>
            <td>C2</td>
            <td>C4</td>
        </tr>
    </table>
</body>
</html>

```

Part 2

Q3. PHP program to display count from 5 to 15

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

Q4. JavaScript program for km to cm conversion with message box

```
<!DOCTYPE html>
<html>
<body>
  <script>
    function convertKmToCm() {
      let km = prompt("Enter kilometers to convert to centimeters:");
      if (km !== null && !isNaN(km)) {
        let cm = km * 100000;
        alert(km + " kilometers = " + cm + " centimeters");
      } else {
        alert("Please enter a valid number");
      }
    }
    convertKmToCm();
  </script>
</body>
</html>
```