

Assignment 4: Web Technologies

CCA

[Pick the date]

SARAN

Answers for CCA-104: Web Technologies Assignment

Part 1

Q1. HTML and CSS for layout using div

html

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```
<!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;
```

```

    }
    .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

html

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```

<!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

php

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```
<!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

html

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```
<!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>
```