Assignment-01

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Course Title: Educational Web Design and Development

Course Code: ICTE 4339

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1 . Create a table using HTML to show your class routine. In the table ODD row background

color will be red and EVEN row background color will be grey. Table font align should be

centered. Table font color should be eye catching

Code :

```
<!DOCTYPE html>

<html>


<head>

 <title>Class Routine</title>

 <style>

  table {
```

```css
      width: 60%;

      border-collapse: collapse;

      margin: 20px auto;

      font-family: Arial, sans-serif;

      text-align: center;

    }


    th {

      background-color: #FFD700; /* Eye-catching font color (Gold) */

      padding: 10px;

    }


    tr:nth-child(odd) {

      background-color: #FF0000; /* Odd row background color (Red) */

    }


    tr:nth-child(even) {

      background-color: #808080; /* Even row background color (Grey) */

    }


    td {

      padding: 8px;

    }
  </style>
</head>
```

```html
<body>
  <h1>Class Routine</h1>
  <table>
    <tr>
      <th>Day</th>
      <th>Time</th>
      <th>Subject</th>
      <th>Teacher</th>
    </tr>
    <tr>
      <td>Monday</td>
      <td>9:00 AM - 11:00 AM</td>
      <td>Mathematics</td>
      <td>Mr. Smith</td>
    </tr>
    <tr>
      <td>Tuesday</td>
      <td>10:00 AM - 12:00 PM</td>
      <td>Science</td>
      <td>Ms. Johnson</td>
    </tr>
    <tr>
      <td>Wednesday</td>
      <td>9:30 AM - 11:30 AM</td>
```

```
    <td>History</td>

    <td>Mr. Brown</td>

   </tr>

   <tr>

    <td>Thursday</td>

    <td>11:00 AM - 1:00 PM</td>

    <td>English</td>

    <td>Ms. Davis</td>

   </tr>

   <tr>

    <td>Friday</td>

    <td>12:00 PM - 2:00 PM</td>

    <td>Art</td>

    <td>Mr. Wilson</td>

   </tr>

  </table>

</body>


</html>
```
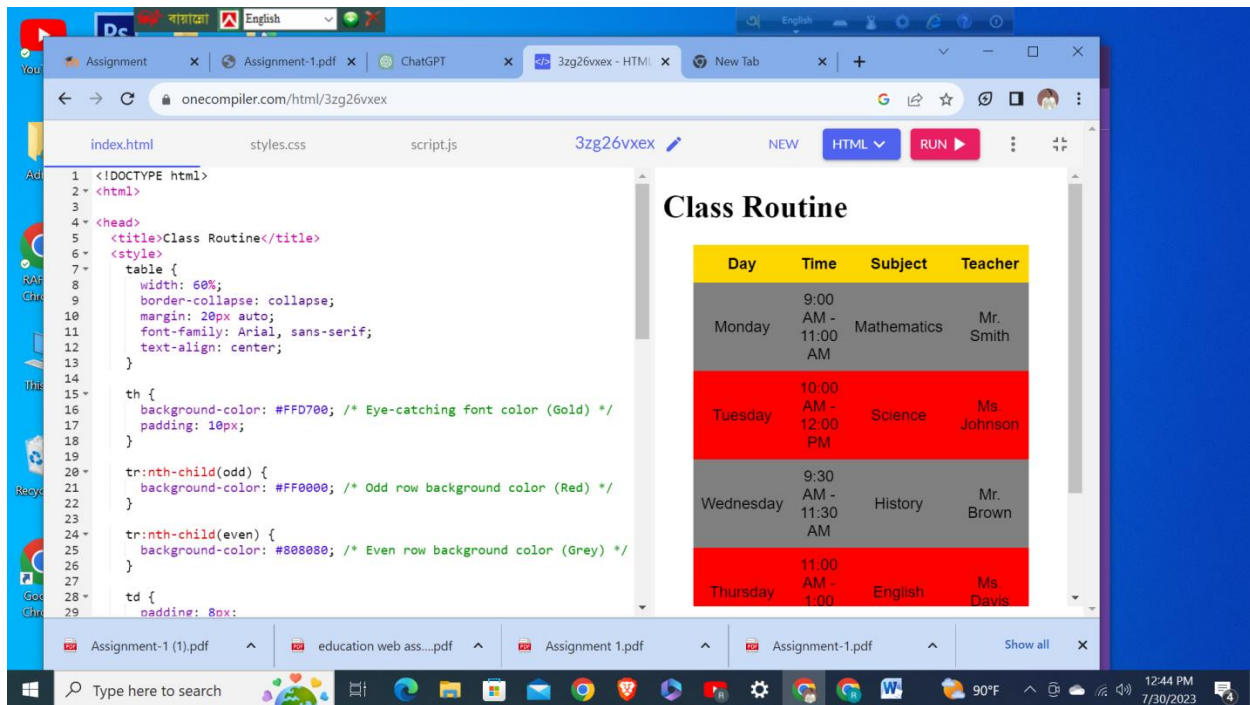
Output:

2. Use frames such that page is divided into 3 frames 20% on left to show contents of pages,

60% in center to show body of page, remaining on right to show remarks. Embed Audio

and Video into your HTML web page.

Code:

Index.html

```html
<!DOCTYPE html>

<html>


<head>

 <title>Frameset Layout with Embedded Media</title>

</head>


<frameset cols="20%, 60%, *">
```

```html
<!-- Left Frame -->

<frame src="contents.html" name="contents_frame" scrolling="auto">


<!-- Middle Frame -->

<frame src="body.html" name="body_frame" scrolling="auto">


<!-- Right Frame -->

<frame src="remarks.html" name="remarks_frame" scrolling="auto">


<!-- Fallback content for non-frames browsers -->

<noframes>

  <body>

    <p>This page requires a browser that supports frames.</p>

  </body>

</noframes>

</frameset>


</html>
```

Contents.html

```html
<!DOCTYPE html>

<html>


<head>

 <title>Contents</title>

</head>
```

```html
<body>
  <h2>Contents</h2>
  <ul>
    <li><a href="body.html" target="body_frame">Introduction</a></li>
    <li><a href="body.html#section1" target="body_frame">Section 1</a></li>
    <li><a href="body.html#section2" target="body_frame">Section 2</a></li>
    <!-- Add more links as needed -->
  </ul>
</body>

</html>
```

Body.html

```html
<!DOCTYPE html>
<html>

<head>
  <title>Body</title>
</head>

<body>
  <h1>Introduction</h1>
  <p>This is the introduction of the page.</p>

  <h2 id="section1">Section 1</h2>
```

```html
<p>Content of section 1.</p>


<h2 id="section2">Section 2</h2>

<p>Content of section 2.</p>


<!-- Embedding Audio -->

<audio controls>

  <source src="your_audio_file.mp3" type="audio/mpeg">

  Your browser does not support the audio element.

</audio>


<!-- Embedding Video -->

<video controls>

  <source src="your_video_file.mp4" type="video/mp4">

  Your browser does not support the video element.

  </video>

</body>


</html>
```

Remarks.html

```html
<!DOCTYPE html>

<html>


<head>

  <title>Remarks</title>
```

```
</head>

<body>

  <h2>Remarks</h2>

  <p>Any additional remarks or notes can be displayed here.</p>

</body>


</html>
```

3 . Write an HTML page that contains a selection box with a list of 5 countries, when the user selects a country, its capital should be printed next to the list.

Code :

```
<!DOCTYPE html>

<html>


<head>

  <title>Country Capitals</title>

</head>


<body>

  <h2>Select a Country</h2>

  <select id="countrySelect" onchange="displayCapital()">

    <option value="">Select a country...</option>

    <option value="usa">United States</option>
```

```html
    <option value="canada">Canada</option>

    <option value="uk">United Kingdom</option>

    <option value="france">France</option>

    <option value="germany">Germany</option>

</select>


<p id="capitalDisplay"></p>


<script>

  function displayCapital() {

    // Get the selected value from the dropdown

    var selectedCountry = document.getElementById("countrySelect").value;


    // Define a dictionary of country capitals

    var capitals = {

      "usa": "Washington, D.C.",

      "canada": "Ottawa",

      "uk": "London",

      "france": "Paris",

      "germany": "Berlin"

    };


    // Display the capital of the selected country

    var capitalDisplay = document.getElementById("capitalDisplay");

    if (selectedCountry in capitals) {
```

```
        capitalDisplay.textContent = "Capital: " + capitals[selectedCountry];

    } else {

      capitalDisplay.textContent = "Please select a country.";

    }

  }

  </script>

</body>


</html>
```
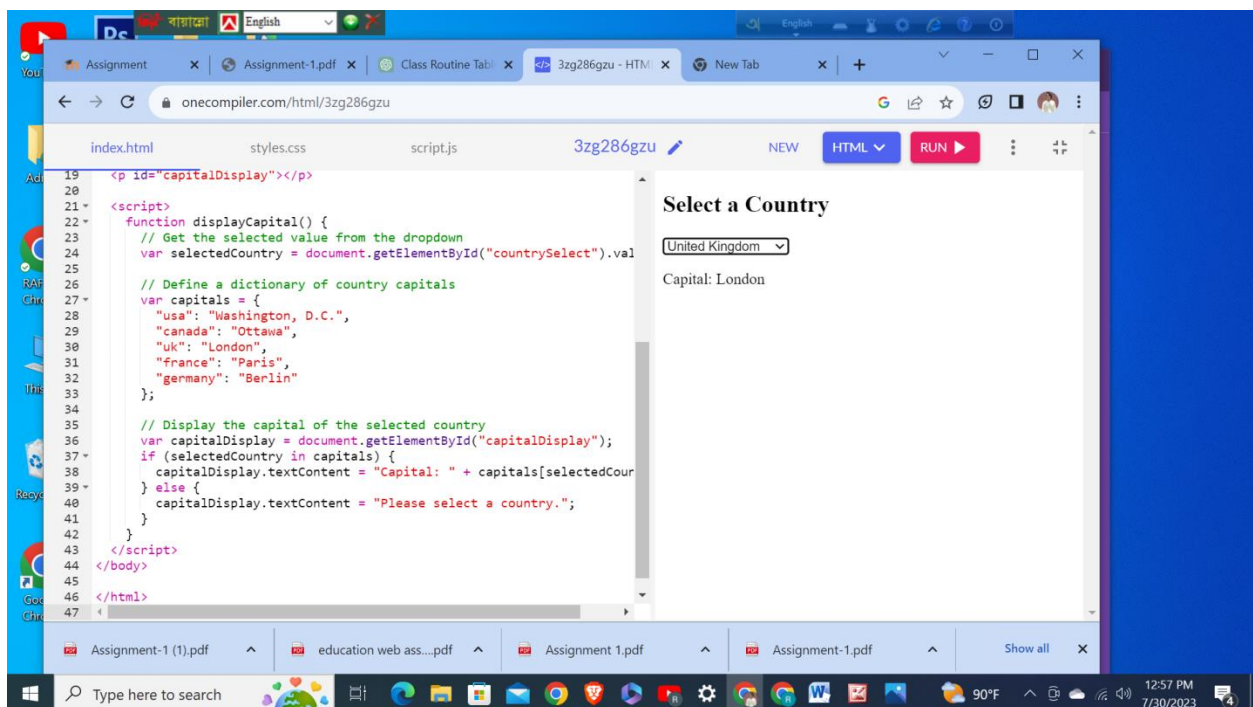
Output:

4. Create a webpage to manage personal details like name, class, qualifications, photo,

address etc., using tables and other suitable HTML tags. Apply the following style

information:

• Display the heading of the page in Times New Roman font and with 24px size.

• Align all the field names like Name, Class, Photo etc. to right in the table.

• Apply light blue as background color for the left side cells in the table which

contains field names like Name, Class etc...

• Also display your college logo as background image in the top right position of the

web page.

Code :

HTML Code :

```html
<!DOCTYPE html>

<html>


<head>

  <title>Personal Details</title>

  <link rel="stylesheet" type="text/css" href="styles.css">

</head>


<body>

  <div class="header">

    <h1>Personal Details</h1>

    <img src="college_logo.png" alt="College Logo" class="college-logo">

  </div>


  <table class="details-table">

    <tr>

      <td class="field-name">Name:</td>

      <td><input type="text" id="name" placeholder="Your Name"></td>
```

```html
      </tr>

      <tr>

        <td class="field-name">Class:</td>

        <td><input type="text" id="class" placeholder="Your Class"></td>

      </tr>

      <tr>

        <td class="field-name">Qualifications:</td>

        <td><input type="text" id="qualifications" placeholder="Your Qualifications"></td>

      </tr>

      <tr>

        <td class="field-name">Photo:</td>

        <td><input type="file" id="photo"></td>

      </tr>

      <tr>

        <td class="field-name">Address:</td>

        <td><textarea id="address" placeholder="Your Address"></textarea></td>

      </tr>

    </table>

</body>


</html>
```

CSS Code:

```css
body {

  font-family: Times New Roman, serif;

  font-size: 24px;
```

```css
  margin: 0;

  padding: 0;

  background-color: #f7f7f7;

}


.header {

  background-color: #e0eaf0;

  padding: 20px;

  display: flex;

  justify-content: space-between;

  align-items: center;

}


h1 {

  margin: 0;

}


.college-logo {

  width: 100px;

  height: 100px;

}


.details-table {

  margin: 20px auto;

  border-collapse: collapse;
```

```css
}

td {

  padding: 8px;

  border: 1px solid #ddd;

}


.field-name {

  text-align: right;

  background-color: #dcecfb;

  width: 150px;

  font-weight: bold;

}
```
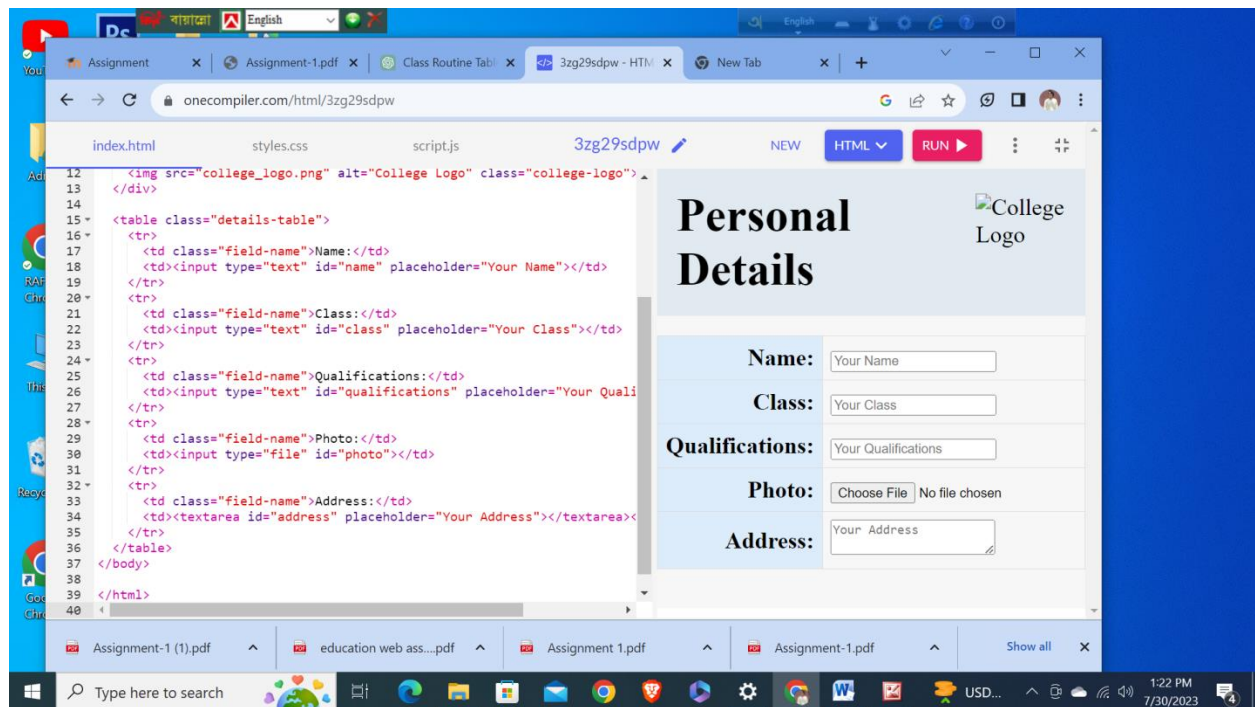
Output:

5. Create a web site for your curriculum vitae. You must use a two-column layout and the second column must be the navigation bar.

HTML Code :

```
<!DOCTYPE html>

<html>


<head>

 <title>Your Name - Curriculum Vitae</title>

 <link rel="stylesheet" type="text/css" href="styles.css">

</head>


<body>

 <div class="container">

  <div class="left-column">

   <h1>Your Name</h1>

   <h2>Job Title</h2>


   <h3>Personal Information</h3>

   <p>Date of Birth: DD/MM/YYYY</p>

   <p>Email: your.email@example.com</p>

   <p>Phone: +1 234 567 8901</p>


   <h3>Education</h3>

   <p>Bachelor of Science in Computer Science - University Name (Year)</p>
```

```html
        <h3>Work Experience</h3>

        <p>Job Title - Company Name (Year - Year)</p>

        <p>Responsibilities and achievements...</p>


        <!-- Add more sections as needed -->


      </div>


      <div class="right-column">

        <nav>

          <ul>

            <li><a href="#personal-info">Personal Information</a></li>

            <li><a href="#education">Education</a></li>

            <li><a href="#experience">Work Experience</a></li>

            <!-- Add links for other sections -->

          </ul>

        </nav>

      </div>

    </div>

  </body>


</html>
```

CSS Code :

```css
body {
```

```css
  font-family: Arial, sans-serif;

  margin: 0;

  padding: 0;

}


.container {

  display: flex;

  justify-content: space-between;

  max-width: 1200px;

  margin: 0 auto;

}


.left-column {

  flex: 2;

  padding: 20px;

}


.right-column {

  flex: 1;

  background-color: #f2f2f2;

  padding: 20px;

}


h1 {

  margin-top: 0;
```

```css
}

h2 {

  margin-top: 0;

  color: #666;

}


h3 {

  margin-top: 20px;

}


ul {

  list-style: none;

  padding: 0;

}


li {

  margin-bottom: 10px;

}


a {

  text-decoration: none;

  color: #333;

}
```

```
a:hover {

  color: #007BFF;

}
```

Output: