

ASSIGNMENT-02

1. Create a table to display student information with the following fields and insert atleast two student details: Roll Number, Name, Email, Mobile Number, Profile Photo

```
<html>

<head>
  <title>Student Information Table</title>
</head>

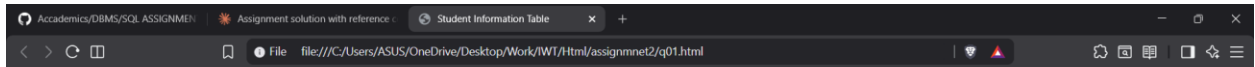
<body>
  <h1>Student Information</h1>

  <table border="1">
    <tr>
      <th>Roll Number</th>
      <th>Name</th>
      <th>Email</th>
      <th>Mobile Number</th>
      <th>Profile Photo</th>
    </tr>
    <tr>
      <td>2101001</td>
      <td>Rajesh Kumar</td>
      <td>rajesh.kumar@silicon.ac.in</td>
```

```
<td>9876543210</td>
<td></td>
</tr>
<tr>
<td>2101002</td>
<td>Priya Sharma</td>
<td>priya.sharma@silicon.ac.in</td>
<td>9876543211</td>
<td></td>
</tr>
</table>

</body>

</html>
```



Student Information

Roll Number	Name	Email	Mobile Number	Profile Photo
2101001	Rajesh Kumar	rajesh.kumar@silicon.ac.in	9876543210	
2101002	Priya Sharma	priya.sharma@silicon.ac.in	9876543211	



2. Design the following time table using HTML table tags and attributes only:

Class Timetable			
Day	9:00 - 11:00	11:00 - 1:00	2:00 - 4:00
Monday	Computer Networks Lab	Mathematics	Database
Tuesday		Operating System	Web Technology
Wednesday	Mathematics	Mini Project	
Thursday	Database	Operating System	Web Technology
Friday	Seminar & Workshop		

```
<html>
```

```
<head>
```

```
  <title>Class Timetable</title>
```

```
</head>
```

```
<body>
```

```
  <table border="1" cellpadding="10" cellspacing="0" align="center">
```

```
    <tr>
```

```
      <th colspan="4" align="center">Class Timetable</th>
```

```
    </tr>
```

```
    <tr>
```

```
      <th>Day</th>
```

```
      <th>9:00 - 11:00</th>
```

```
      <th>11:00 - 1:00</th>
```

```
      <th>2:00 - 4:00</th>
```

```
    </tr>
```

```
    <tr>
```

```
      <td>Monday</td>
```

```
      <td rowspan="2" align="center">Computer Networks Lab</td>
```

```
      <td>Mathematics</td>
```

```
      <td>Database</td>
```

```
    </tr>
```

```
    <tr>
```

```
      <td>Tuesday</td>
```

```
      <td>Operating System</td>
```

```
<td>Web Technology</td>
</tr>
<tr>
<td>Wednesday</td>
<td>Mathematics</td>
<td colspan="2" align="center">Mini Project</td>
</tr>
<tr>
<td>Thursday</td>
<td>Database</td>
<td>Operating System</td>
<td>Web Technology</td>
</tr>
<tr>
<td>Friday</td>
<td colspan="3" align="center">Seminar & Workshop</td>
</tr>
</table>

</body>

</html>
```

Day	9:00 - 11:00	11:00 - 1:00	2:00 - 4:00
Monday	Computer Networks Lab	Mathematics	Database
Tuesday		Operating System	Web Technology
Wednesday	Mathematics	Mini Project	
Thursday	Database	Operating System	Web Technology
Friday	Seminar & Workshop		

3. Create a registration form for an online course with the following fields:

- Full Name(text)
- Email(text)
- Password and Confirm Password(password)
- Gender(radio buttons :Male, Female, Other)
- Date of Birth(date picker)
- Course(drop down: B.Tech, M.Tech, MCA ,MBA)
- Skills(checkboxes: HTML, CSS, JavaScript, Python, Java)
- Address(text area)
- Upload Resume(file input)
- Submit and Reset buttons

<!DOCTYPE html>

<html>

```
<head>

  <title>Online Course Registration Form</title>

</head>

<body>

  <h1>Online Course Registration</h1>

  <form>

    <label for="fullname">Full Name:</label>

    <input type="text" id="fullname" name="fullname"><br><br>

    <label for="email">Email:</label>

    <input type="text" id="email" name="email"><br><br>

    <label for="password">Password:</label>

    <input type="password" id="password" name="password"><br><br>

    <label for="confirm_password">Confirm Password:</label>

    <input type="password" id="confirm_password" name="confirm_password"><br><br>

    <label>Gender:</label>

    <input type="radio" id="male" name="gender" value="male">

    <label for="male">Male</label>

    <input type="radio" id="female" name="gender" value="female">

    <label for="female">Female</label>

    <input type="radio" id="other" name="gender" value="other">

    <label for="other">Other</label><br><br>
```

<label for="dob">Date of Birth:</label>

<input type="date" id="dob" name="dob">

<label for="course">Course:</label>

<select id="course" name="course">

<option value="">-- Select Course --</option>

<option value="btech">B.Tech</option>

<option value="mtech">M.Tech</option>

<option value="mca">MCA</option>

<option value="mba">MBA</option>

</select>

<label>Skills:</label>

<input type="checkbox" id="html" name="skills" value="html">

<label for="html">HTML</label>

<input type="checkbox" id="css" name="skills" value="css">

<label for="css">CSS</label>

<input type="checkbox" id="javascript" name="skills" value="javascript">

<label for="javascript">JavaScript</label>

<input type="checkbox" id="python" name="skills" value="python">

<label for="python">Python</label>

<input type="checkbox" id="java" name="skills" value="java">

<label for="java">Java</label>

<label for="address">Address:</label>

<textarea id="address" name="address" rows="4" cols="50"></textarea>

<label for="resume">Upload Resume:</label>


```
<input type="file" id="resume" name="resume"><br><br>
```

```
<button type="submit">Submit</button>
```

```
<button type="reset">Reset</button>
```

```
</form>
```

```
</body>
```

```
</html>
```

Online Course Registration

Full Name:

Email:

Password:

Confirm Password:

Gender: ☐ Male ☐ Female ☐ Other

Date of Birth:

Course:

Skills:

- ☐ HTML
- ☐ CSS
- ☐ JavaScript
- ☐ Python
- ☐ Java

Address:

Upload Resume: No file chosen

4. Create a webpage that demonstrates multimedia integration:

- a. Embed an audio file with controls(play/pause).**
- b. Embed a video file with controls.**

```
<html>
```

```
<head>
```

```
  <title>Multimedia Integration</title>
```

```
</head>
```

```
<body>
```

```
  <h1>Multimedia Integration Demo</h1>
```

```
  <h2>Audio Player</h2>
```

```
  <audio controls>
```

```
    <source src="https://samplelib.com/lib/preview/mp3/sample-3s.mp3" type="audio/mpeg">
```

```
    Your browser does not support the audio element.
```

```
  </audio>
```

```
  <br><br>
```

```
  <h2>Video Player</h2>
```

```
  <video controls width="640" height="360">
```

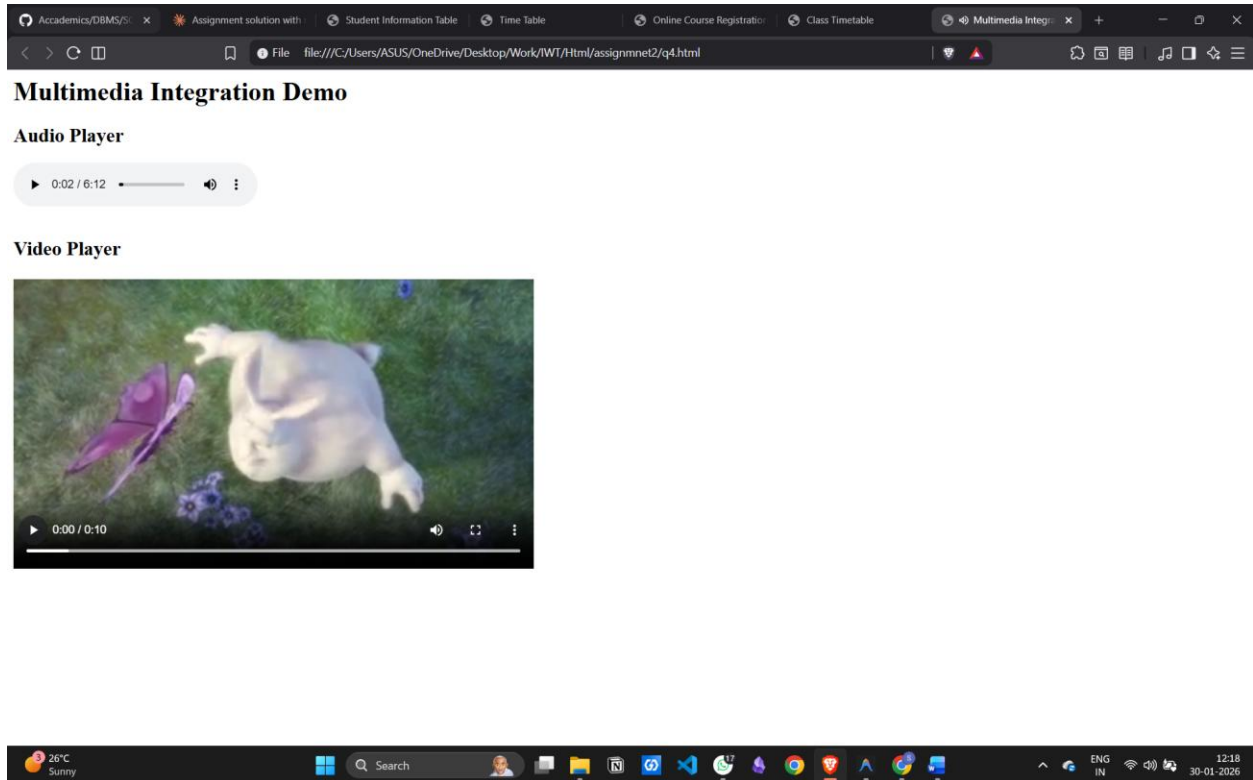
```
    <source src="https://sample-videos.com/video321/mp4/720/big_buck_bunny_720p_1mb.mp4" type="video/mp4">
```

```
    Your browser does not support the video element.
```

```
  </video>
```

</body>

</html>



5. Create a webpage named My Profile using HTML5 semantic elements. Your page must use appropriate semantic tags (forexample: <header>, <nav>, <main>, <section>, <footer>) and must satisfy all of the following requirements:

- a. Use a <nav> with anchor links (bookmarks) to the sections on the same page: About, Education, and Hobbies.**
- b. Use a <header> element that contains your name as the main heading (<h1>), your phone number and your email.**
- c. Use a <main> element to wrap the primary page content.**
- d. Create three <section> elements with id attributes about, education, and hobbies. Each section must have a heading (<h2>) and atleast one paragraph describing the topic.**

- e. In the about section, Include your profile image and a paragraph about yourself. Use a list to showcase your skills.
- f. In the education section, use a table to showcase your academic records.
- g. In the hobbies section, add a list of hobbies.
- h. The footer section must contain hyperlinks to your social media handles.

```
<html>
```

```
<head>
```

```
  <title>My Profile</title>
```

```
</head>
```

```
<body>
```

```
  <header>
```

```
    <h1>Sumit Mund</h1>
```

```
    <p>Phone: 9876543210</p>
```

```
    <p>Email: mundsam69@gmail.com</p>
```

```
  </header>
```

```
  <nav>
```

```
    <a href="#about">About</a> |
```

```
    <a href="#education">Education</a> |
```

```
    <a href="#hobbies">Hobbies</a>
```

```
  </nav>
```

```
<hr>
```

<main>

<section id="about">

<h2>About</h2>

<p>Hello! I'm Sumit Mund, a Computer Science student specializing in Machine Learning, Artificial

Intelligence, and intelligent system development. I focus on building scalable ML solutions and

continuously improving my technical expertise.</p>

<h3>Skills:</h3>

Advanced Python for Machine Learning & Scientific Computing

End-to-End Machine Learning Pipeline Development

Supervised, Unsupervised & Ensemble Learning Techniques

Deep Learning (ANN, CNN Fundamentals)

PyTorch & TensorFlow Basics

Feature Engineering & Data Preprocessing

Model Optimization, Cross-Validation & Hyperparameter Tuning

NumPy, Pandas, Matplotlib, Seaborn

Scikit-Learn Advanced Workflows

Reinforcement Learning Foundations (Gymnasium)

Exploratory Data Analysis (EDA)

Git, GitHub & ML Project Versioning

DSA in C/C++ for Performance Optimization

- Basic MLOps Concepts (Model Deployment Awareness)
- Frontend Basics (HTML, CSS, JavaScript)

</section>

<section id="education">

<h2>Education</h2>

<table border="1">

<tr>

<th>Degree</th>

<th>Institution</th>

<th>Year</th>

<th>Percentage/CGPA</th>

</tr>

<tr>

<td>B.Tech in Computer Science</td>

<td>Silicon University</td>

<td>2024–2028</td>

<td>9.2</td>

</tr>

<tr>

<td>12th</td>

<td>Vikash Residential School</td>

<td>2024</td>

<td>82</td>

</tr>

```
<tr>
  <td>10th</td>
  <td>Pragati Collegiate School</td>
  <td>2022</td>
  <td>90.5</td>
</tr>
</table>
</section>
```

```
<hr>
```

```
<section id="hobbies">
```

```
<h2>Hobbies</h2>
```

```
<ul>
```

```
<li>Coding & Competitive Programming</li>
```

```
<li>Learning Advanced AI & Machine Learning</li>
```

```
<li>Building ML Projects</li>
```

```
<li>Reading Technical Research Blogs</li>
```

```
<li>Listening to Music</li>
```

```
</ul>
```

```
</section>
```

```
</main>
```

```
<hr>
```

```
<footer>
```

```
<h3>Connect With Me:</h3>
```

```
<a href="https://www.linkedin.com" target="_blank">LinkedIn</a> |  
<a href="https://github.com" target="_blank">GitHub</a> |  
<a href="https://twitter.com" target="_blank">Twitter</a> |  
<a href="https://www.instagram.com" target="_blank">Instagram</a>  
<p>&copy; 2025 Sumit Mund</p>
```

```
</footer>
```

```
</body>
```

```
</html>
```

