

# 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>

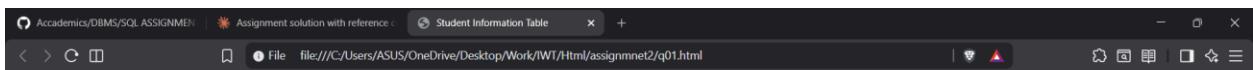
<body>
    <h1>Student Information</h1>

    <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>
        </tr>
    </table>
</body>

```

```
<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>
```

The screenshot shows a Windows desktop environment. At the top, there is a taskbar with several pinned icons: Accademics/DBMS/SQL ASSIGN, Assignment solution with referenc, Student Information Table, Time Table, Online Course Registration Form, Class Timetable, File Explorer, and others. The main window is titled "Class Timetable" and displays a table for the week:

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

At the bottom of the screen is a standard Windows taskbar with icons for Start, Search, Task View, File Explorer, and other system utilities. The date and time are also visible on the right side of the taskbar.

### 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"><br><br>

<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><br><br>

<label>Skills:</label><br>
<input type="checkbox" id="html" name="skills" value="html">
<label for="html">HTML</label><br>
<input type="checkbox" id="css" name="skills" value="css">
<label for="css">CSS</label><br>
<input type="checkbox" id="javascript" name="skills" value="javascript">
<label for="javascript">JavaScript</label><br>
<input type="checkbox" id="python" name="skills" value="python">
<label for="python">Python</label><br>
<input type="checkbox" id="java" name="skills" value="java">
<label for="java">Java</label><br><br>

<label for="address">Address:</label><br>
<textarea id="address" name="address" rows="4" cols="50"></textarea><br><br>

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

```

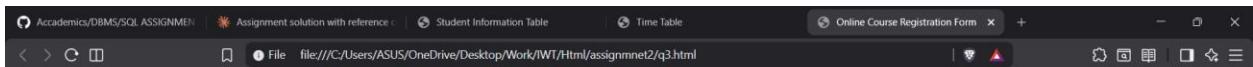
<input type="file" id="resume" name="resume"><br><br>

<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">
```

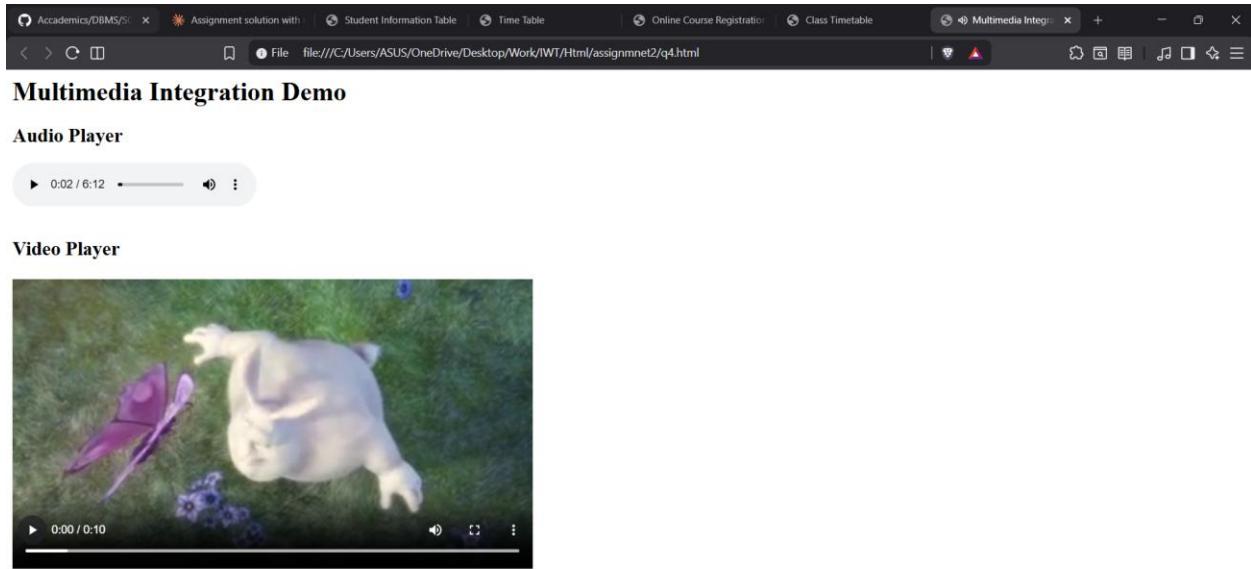
```
        <source src="https://sample-videos.com/video321/mp4/720/big_buck_bunny_720p_1mb.mp4" type="video/mp4">
```

```
        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>
    <ul>
        <li>Advanced Python for Machine Learning & Scientific Computing</li>
        <li>End-to-End Machine Learning Pipeline Development</li>
        <li>Supervised, Unsupervised & Ensemble Learning Techniques</li>
        <li>Deep Learning (ANN, CNN Fundamentals)</li>
        <li>PyTorch & TensorFlow Basics</li>
        <li>Feature Engineering & Data Preprocessing</li>
        <li>Model Optimization, Cross-Validation & Hyperparameter Tuning</li>
        <li>NumPy, Pandas, Matplotlib, Seaborn</li>
        <li>Scikit-Learn Advanced Workflows</li>
        <li>Reinforcement Learning Foundations (Gymnasium)</li>
        <li>Exploratory Data Analysis (EDA)</li>
        <li>Git, GitHub & ML Project Versioning</li>
        <li>DSA in C/C++ for Performance Optimization</li>
    </ul>
</section>
```

```
<li>Basic MLOps Concepts (Model Deployment Awareness)</li>
<li>Frontend Basics (HTML, CSS, JavaScript)</li>
</ul>
</section>

<hr>

<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>
```

```

<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>

```

&lt;/body&gt;

&lt;/html&gt;

**Sumit Mund**

Phone: 9876543210  
Email: mundsumit69@gmail.com  
[About](#) | [Education](#) | [Hobbies](#)

**About**

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.

**Skill:**

- 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
- Feature Engineering & Data Preprocessing
- Model Optimization, Cross-Validation & Hyperparameter Tuning
- Numpy, Pandas, Matplotlib, Seaborn
- Statistical Analysis & Machine Learning
- Reinforcement Learning Foundations (Gymnasium)
- Exploratory Data Analysis (EDA)
- Git, GitHub & ML Project Versioning
- DevOps Concepts & Container Optimization
- Basic MLOps Concepts (Model Deployment Awareness)
- Frontend Basics (HTML, CSS, JavaScript)

**Education**

Degree	Institution	Year	Percentage/CGPA
B.Tech in Computer Science	Silicon University	2024-2028	9.2
12th	Vikash Residential School	2024	82
10th	Pragati Collegiate School	2022	90.5

**Hobbies**

- Coding & Competitive Programming
- Learning about AI & Machine Learning
- Building ML Projects
- Reading Technical Research Blogs
- Listening to Music

**Connect With Me:**

[LinkedIn](#) | [GitHub](#) | [Twitter](#) | [Instagram](#)

12:30 ENG IN 30-01-2026