Task 1:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Calculator</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
            margin: 0;
            background-color: #f0f0f0;
        }
        .calculator {
            display: grid;
            grid-template-columns: repeat(4, 1fr);
            gap: 5px;
            width: 220px;
            border: 1px solid #ccc;
            border-radius: 5px;
            padding: 20px;
            background-color: white;
        }
        .calculator input[type="button"] {
            height: 50px;
            font-size: 1.5rem;
            border: 1px solid #ccc;
            border-radius: 5px;
            text-align: center;
        }
        .calculator input[type="button"]:hover {
            background-color: #f0f0f0;
        }
        .calculator input[type="button"]:active {
            background-color: #e0e0e0;
        }
        .calculator output {
            grid-column: 1 / span 4;
            width: 100%;
            height: 50px;
```
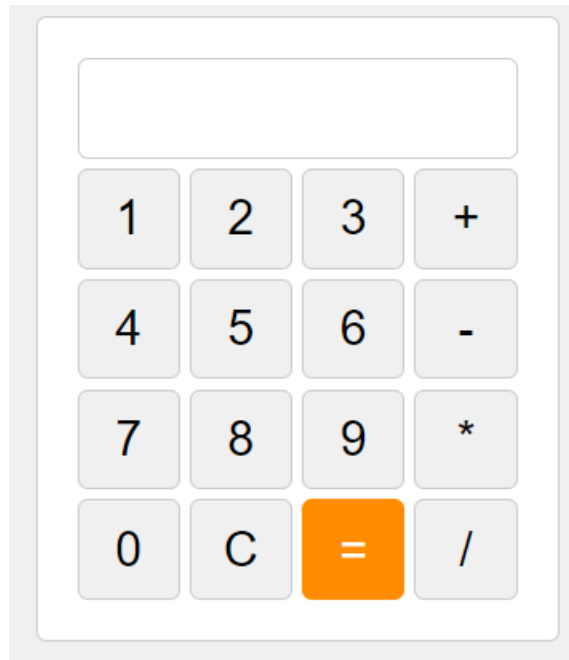
```
            font-size: 2rem;
            text-align: right;
            padding-right: 10px;
            box-sizing: border-box;
            border: 1px solid #ccc;
            border-radius: 5px;
        }
        .calculator input[type="button"]:nth-child(16) {
            background-color:darkorange;
            color: white;
            border: none;
        }
    </style>
</head>
<body>
    <div class="calculator">
        <output></output>
        <input type="button" value="1">
        <input type="button" value="2">
        <input type="button" value="3">
        <input type="button" value="+">
        <input type="button" value="4">
        <input type="button" value="5">
        <input type="button" value="6">
        <input type="button" value="-">
        <input type="button" value="7">
        <input type="button" value="8">
        <input type="button" value="9">
        <input type="button" value="*">
        <input type="button" value="0">
        <input type="button" value="C">
        <input type="button" value="=">
        <input type="button" value="/">
    </div>
</body>
</html>
```

output:

1	2	3	+
4	5	6	-
7	8	9	*
0	C	=	/

Task 2:

```html
<!DOCTYPE html>
<html>
<head>
    <title>Timetable</title>
    <style>
        table {
            border-collapse: collapse;
            width: 100%;
        }
        th, td {
            border: 1px solid black;
            padding: 10px;
            text-align: left;
        }
        th {
            background-color: #efe2e2;
            font-weight: bold;
        }
        .time-slot {
            height: 70px;
            text-align: center;
        }
        .day {
            width: 14%;
            text-align: center;
        }
    </style>
</head>
<body>
    <table>
        <thead>
            <tr>
                <th class="time-slot"></th>
                <th class="time-slot">8:45 - 10:10</th>
                <th class="time-slot">10:15 - 11:40</th>
                <th class="time-slot">11:45 - 1:10</th>
                <th class="time-slot">1:10 - 1:45</th>
                <th class="time-slot">1:40 - 3:10</th>
                <th class="time-slot">3:10 - 4:40</th>
            </tr>
        </thead>
        <tbody>
```

```html
        <tr>
            <td class="day">Monday</td>
            <td class="day"></td>
            <td class="day">Web Programming</td>
            <td class="day">PDC</td>
            <td class="day"></td>
            <td class="day">Artificial Intellegence</td>
            <td class="day"></td>
        </tr>
        <tr>
            <td class="day">Tuesday</td>
            <td class="day">Computer Netwoks</td>
            <td class="day">Artificial Intellegence</td>
            <td class="day"></td>
            <td class="day"></td>
            <td class="day" colspan="2">Artificial Intellegence Lab</td>

        </tr>
        <tr>
            <td class="day">Wednesday</td>
            <td class="day"></td>
            <td class="day"></td>
            <td class="day"></td>
            <td class="day"></td>
            <td class="day" colspan="2">Computer Netwoks Lab</td>
        </tr>
        <tr>
            <td class="day">Thursday</td>
            <td class="day"></td>
            <td class="day">Computer Netwoks</td>
            <td class="day">SDA</td>
            <td class="day">Web Programming</td>
            <td class="day"></td>
            <td class="day">PDC</td>
        </tr>
        <tr>
            <td class="day">Friday</td>
            <td class="day"></td>
            <td class="day">SDA</td>
            <td class="day"></td>
            <td class="day"></td>
            <td class="day"></td>
            <td class="day"></td>
        </tr>
    </tbody>
```

```
        </table>
</body>
</html>
```

output:

	8:45 - 10:10	10:15 - 11:40	11:45 - 1:10	1:10 - 1:45	1:40 - 3:10	3:10 - 4:40
Monday		Web Programming	PDC		Artificial Intellegence	
Tuesday	Computer Netwoks	Artificial Intellegence			Artificial Intellegence Lab	
Wednesday					Computer Netwoks Lab	
Thursday		Computer Netwoks	SDA	Web Programming		PDC
Friday		SDA				

Task 3:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>CV</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 0;
            padding: 0;
        }
        .container {
            width: 80%;
            margin: 0 auto;
            padding: 2rem;
        }
        .header {
            display: flex;
            justify-content: space-between;
            align-items: center;
            margin-bottom: 1rem;
            border-bottom: 1px solid #ccc;
            padding-bottom: 1rem;
        }
        .header img {
            width: 150px;
            height: 150px;
            border-radius: 50%;
            object-fit: cover;
        }
        .header h1 {
            font-size: 2rem;
            margin: 0;
        }
        .header span {
            font-size: 1.2rem;
            font-weight: bold;
        }
        .content {
            margin-top: 2rem;
        }
```

```
        .content h2 {
            font-size: 1.5rem;
            margin-bottom: 0.5rem;
        }
        .content p {
            margin: 0;
            font-size: 1.2rem;
        }
        .content ul {
            padding-left: 2rem;
        }
        .content li {
            margin-bottom: 0.5rem;
        }
        .content span {
            font-weight: bold;
        }
        .content h3 {
            font-size: 1.3rem;
            margin-top: 1.5rem;
            margin-bottom: 0.5rem;
        }
        .content h4 {
            font-size: 1.2rem;
            margin-top: 1rem;
            margin-bottom: 0.5rem;
        }
    </style>
</head>
<body>
    <div class="container">
        <div class="header">
            <div>
                <img src="zain.jpg" alt="Profile Picture">
                <h1>Zain Babar<span> Web Developer</span></h1>
            </div>
            <div>
                <p>Email: <span>f219341@cfd.nu.edu.pk</span></p>
                <p>Mobile: <span>01234567</span></p>
            </div>
        </div>
        <div class="content">
            <h2>Skills</h2>
            <ul>
                <li><span>Programming Languages:</span> Python, Java, C++</li>
```

```html
        <li><span>Frontend:</span> HTML5, CSS3, Language</li>
    </ul>
    <h2>Languages</h2>
    <ul>
        <li>English</li>
        <li>Hindi</li>
    </ul>
    <h2>Hobbies</h2>
    <p>Web Developer</p>
    <h2>Summary</h2>
    <p>To secure a challenging position in a reputable organization to
expand my learning knowledge and skill</p>
    <h2>Experience</h2>
    <div>
        <h3>Abc webdev pvt ltd - Senior Web Developer</h3>
        <p>January 2022 to Present</p>
        <p>• Actively engaged in web creative design and development.</p>
        <p>• Designing project & planning</p>
    </div>
    <div>
        <h3>Xyz webdev pvt ltd - junior web developer</h3>
        <p>August 2021 to December 2021</p>
        <p>• Developed website using HTML, CSS, and JavaScript.</p>
        <p>• Collaborated with the team to design and develop new
features.</p>
    </div>
        <h2>Education</h2>
    <div>
        <h4>FAST NUCES - Bachelor of Science in Computer Science</h4>
        <p>August 2021 to December 2025</p> <p>CGPA: 3.2</p>
    </div>
    </div>
</div>
</body>
</html>
```

output:

Email: **f219341@cfd.nu.edu.pk**
Mobile: **01234567**

Zain Babar Web Developer

Skills

- **Programming Languages:** Python, Java, C++
- **Frontend:** HTML5, CSS3, Language

Languages

- English
- Hindi

Hobbies

Web Developer

Summary

To secure a challenging position in a reputable organization to expand my learning knowledge and skill

Experience

Abc webdev pvt ltd - Senior Web Developer
January 2022 to Present
• Actively engaged in web creative design and development.
• Designing project & planning

Xyz webdev pvt ltd - junior web developer
August 2021 to December 2021
• Developed website using HTML, CSS, and JavaScript.
• Collaborated with the team to design and develop new features.

Education

FAST NUCES - Bachelor of Science in Computer Science
August 2021 to December 2025
CGPA: 3.2