

National Institute of Technology, Tiruchirappalli



Department of Computer Applications

Web Technology and its Applications Lab

Lab 2

Submitted to:

Dr. Balaji Banothu

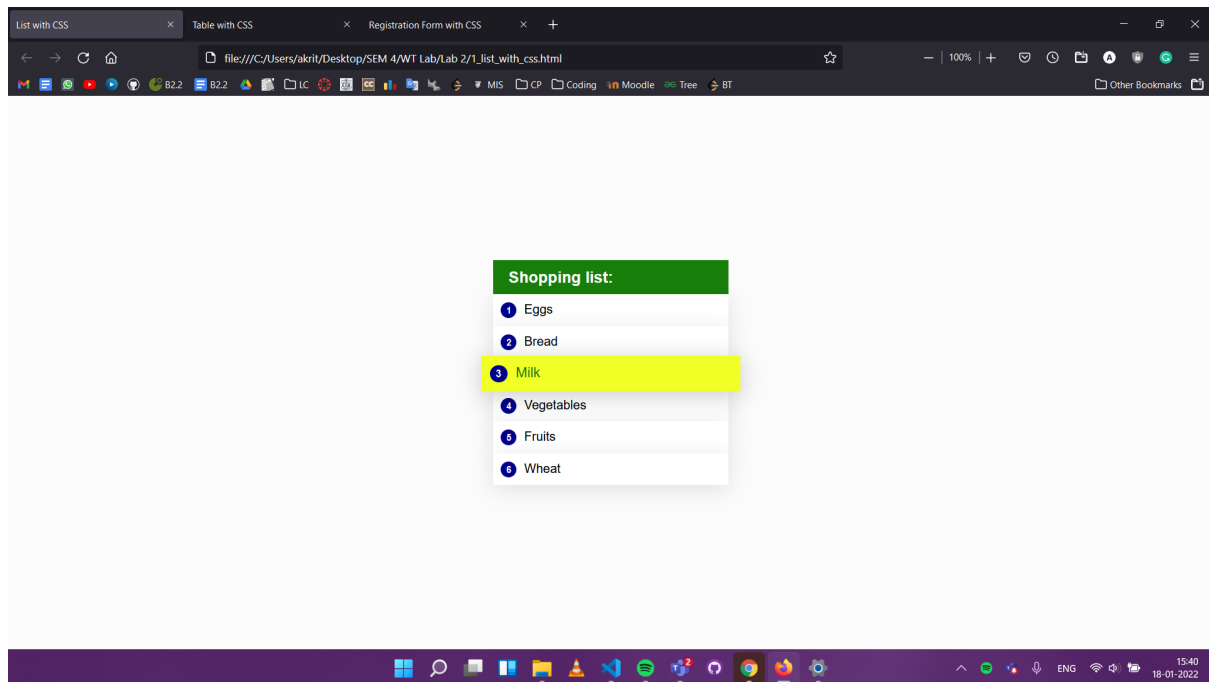
Submitted by:

Akriti Upadhyay

205120007

MCA – 2nd Year

1. Create a List



```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width,
initial-scale=1.0">

    <title>List with CSS</title>

    <style>

        *{

            margin: 0;

            padding: 0;

            box-sizing: border-box;

            font-family: 'Poppins', sans-serif;
```

```
}

body{

    display: flex;

    justify-content: center;

    align-items: center;

    min-height: 100vh;

    background: #fbfbfb;

}

.box{

    width: 300px;

}

.box h2{

    color: #fbfbfb;

    background: #187e0a;

    padding: 10px 20px;

    font-size: 20px;

    font-weight: 700;

}

.box ul{

    position: relative;

    background: #fff;

}

.box ul li{

    list-style: none;

    padding: 10px;
```

```
        width: 100%;

        background: #fff;

        box-shadow: 0 5px 25px rgba(0,0,0,.1);

        transition: transform 0.5s;
    }

    .box ul li:hover{

        transform: scale(1.1);

        z-index: 100;

        background: #f0ff25;

        box-shadow: 0 5px 25px rgba(0,0,0,.2);

        color: #187e0a;
    }

    .box ul li span{

        width: 20px;

        height: 20px;

        text-align: center;

        line-height: 20px;

        background: #00008b;

        color: #fff;

        display: inline-block;

        border-radius: 50%;

        margin-right: 10px;

        font-size: 12px;

        font-weight: 600;
    }
```

```
</style>

</head>

<body>

  <div class="box">

    <h2>Shopping list:</h2>

    <ul>

      <li><span>1</span>Eggs</li>

      <li><span>2</span>Bread</li>

      <li><span>3</span>Milk</li>

      <li><span>4</span>Vegetables</li>

      <li><span>5</span>Fruits</li>

      <li><span>6</span>Wheat</li>

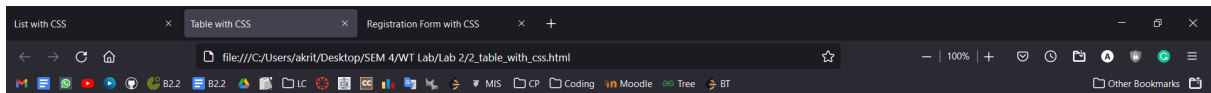
    </ul>

  </div>

</body>

</html>
```

2. Create Table



Plans	Basic	Standard			Premium
Number of Pages	3	6			10
Design Customization	No	Plan	Basic	Standard	Yes
		Number of Pages	3	6	
		Design Customization	No	Yes	
		Content Upload	No	Yes	
		Responsive Design	Yes	Yes	
		Total Prices	\$50	\$75	
Content Upload	No	Yes			Yes
Responsive Design	No	Yes			Yes
Total Prices	\$50	\$75			\$99



```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width,
initial-scale=1.0">

    <title>Table with CSS</title>

    <style>

        *{

            margin: 0;

            padding: 0;

            box-sizing: border-box;

            font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
'Trebuchet MS', sans-serif;

        }

```

```
body{

    font-size: 20px;

    display: flex;

    justify-content: center;

    align-items: center;

    min-height: 100vh;

}

table{

    border-collapse: collapse;

}

.headings{

    background: yellow;

}

.headings th{

    padding: 10px;

}

table tr, td, th{

    border: 3px solid black;

}

td:first-child{

    background: #e7b4b4;

}

td{

    background: #a8f888;

    padding: 10px;
```

```
}

</style>

</head>

<body>

  <div class="box">

    <table border=2>

      <tr class="headings">

        <th>Plans</th>

        <th>Basic</th>

        <th>Standard</th>

        <th>Premium</th>

      </tr>

      <tr>

        <td>Number of Pages</td>

        <td>3</td>

        <td>6</td>

        <td>10</td>

      </tr>

      <tr>

        <td>Design Customization</td>

        <td>No</td>

        <td>

          <table border=1>

            <tr class="headings">

              <th>Plan</th>
```



```
<th>Basic</th>

<th>Standard</th>

</tr>

<tr>

<td>Number of Pages</td>

<td>3</td>

<td>6</td>

</tr>

<tr>

<td>Design Customization</td>

<td>No</td>

<td>Yes</td>

</tr>

<tr>

<td>Content Upload</td>

<td>No</td>

<td>Yes</td>

</tr>

<tr>

<td>Responsive Design</td>

<td>Yes</td>

<td>Yes</td>

</tr>

<tr>

<td>Total Prices</td>
```

```
                <td>$50</td>

                <td>$75</td>

            </tr>

        </table>

    </td>

    <td>Yes</td>

</tr>

<tr>

    <td>Content Upload</td>

    <td>No</td>

    <td>Yes</td>

    <td>Yes</td>

</tr>

<tr>

    <td>Responsive Design</td>

    <td>No</td>

    <td>Yes</td>

    <td>Yes</td>

</tr>

<tr>

    <td>Total Prices</td>

    <td>$50</td>

    <td>$75</td>

    <td>$99</td>

</tr>
```

```

        </table>

    </div>

</body>

</html>

```

3. Create Form

The screenshot shows a web browser window with the title 'Registration Form with CSS'. The URL is 'file:///C:/Users/akrit/Desktop/SEM 4/WT Lab/Lab 2/3_form_with_css.html'. The page displays a 'Student Registration Form' on a yellow background. The form includes the following fields:

- First Name:** A text input field with the placeholder 'First Name'.
- Middle Name:** A text input field with the placeholder 'Middle Name'.
- Last Name:** A text input field with the placeholder 'Last Name'.
- Course:** A dropdown menu currently showing 'MCA'.
- Gender:** A group of three radio buttons labeled 'Male', 'Female', and 'Other'.
- Current Address:** A label followed by a large text area for entering the address.

This screenshot shows the same 'Student Registration Form' as the previous one, but with additional fields and a submit button. The form includes the following fields:

- Current Address:** A large text area for entering the address.
- Email:** A text input field with the placeholder 'Enter Email'.
- Password:** A text input field with the placeholder 'Enter Password'.
- Re-type Password:** A text input field with the placeholder 'Re-type Password'.
- Register:** A green button with the text 'Register'.

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width,
initial-scale=1.0">

  <title>Registration Form with CSS</title>

  <style>

    *{

      font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
'Trebuchet MS', sans-serif;

    }

    body{

      display: flex;

      justify-content: center;

      align-items: center;

      background-color: blanchedalmond;

      margin-left: 50px;

      margin-top: 50px;

    }

    form{

      padding: 20px 100px 20px 100px;

      background-color: #eec50f;

    }

    .radio-button{
```

```
        font-size: 20px;

        padding-top: 20px;

        padding-left: 20px;
    }

h2{

    background-color: #0d771b;

    color: #fff;

    padding: 20px;

    font-size: 30px;

}

select{

    width: 100px;

    font-size: 20px;

    padding: 5px 10px 5px 10px;

}

.label{

    font-size: 20px;

    font-weight: bold;

}

.input-field, textarea{

    padding: 10px;

    margin-top: 10px;

    margin-bottom: 20px;

    height: 20px;

    width: 300px;
```

```
        background-color: #f8f8ff;

        border-radius: 1rem;

    }

    textarea{

        height: 150px;

    }

    #submit-button{

        width: 150px;

        padding: 15px;

        font-size: 20px;

        font-weight: 600;

        background: #0d771b;

        border: 2px solid black;

        color: #fff;

        border-radius: 2rem;

        transition-duration: 0.4s;

    }

    #submit-button:hover{

        background-color: rgb(14, 223, 101);

        color: #0d771b;

    }

</style>

</head>

<body>

    <form action="#">
```

```
<h2>Student Registration Form</h2>

<label class="label" for="fname">First Name:</label><br>

<input class="input-field" type="text" name="fname" id="fname"
placeholder="First Name">

<br><br>

<label class="label" for="mname">Middle Name:</label><br>

<input class="input-field" type="text" name="mname" id="mname"
placeholder="Middle Name">

<br><br>

<label class="label" for="lname">Last Name:</label><br>

<input class="input-field" type="text" name="lname" id="lname"
placeholder="Last Name">

<br><br>

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

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

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

    <option value="msc">MSc</option>

    <option value="mtech">Mtech</option>

    <option value="btech">Btech</option>

</select>

<br><br>

<label class="label" for="gender">Gender:</label><br>

<div class="radio-button">

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

    <input type="radio" name="gender" id="gender"
value="female" checked>Female<br>
```

```

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

    </div>

    <br><br>

    <label class="label" for="add">Current Address:</label><br>

    <textarea name="address" id="add" cols="30" rows="10"
placeholder="Enter Current Address"></textarea>

    <br><br>

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

    <input class="input-field" type="email" name="email" id="email"
placeholder="Enter Email">

    <br><br>

    <label class="label" for="pass">Password:</label><br>

    <input class="input-field" type="password" name="password"
id="pass" placeholder="Enter Password">

    <br><br>

    <label class="label" for="repass">Re-type Password:</label><br>

    <input class="input-field" type="password" name="repassword"
id="repass" placeholder="Re-type Password">

    <br><br>

    <button id="submit-button" type="submit">Register</button>


</form>

</body>

</html>

```

4. Create Resume




AKRITI UPADHYAY

Master of Computer Applications

Gender: Female

E-mail: tp@nitt.edu

Contact: +91-431-2501081



Career Objective:

Looking for a challenging role in a reputable organization to utilize my technical, database, and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector.

Educational Qualifications:

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2023	MCA	NIT, Trichy	9.3*
2020	B.Sc. (Hons) Computer Science	Shaheed Rajguru College of Applied Sciences for Women (University of Delhi)	9.02
2017	Class XII	Kendriya Vidyalaya, Noida, CBSE	99.5%

2015	Class X	Kendriya Vidyalaya, Noida, CBSE	10
------	---------	---------------------------------	----

Academic Achievements:

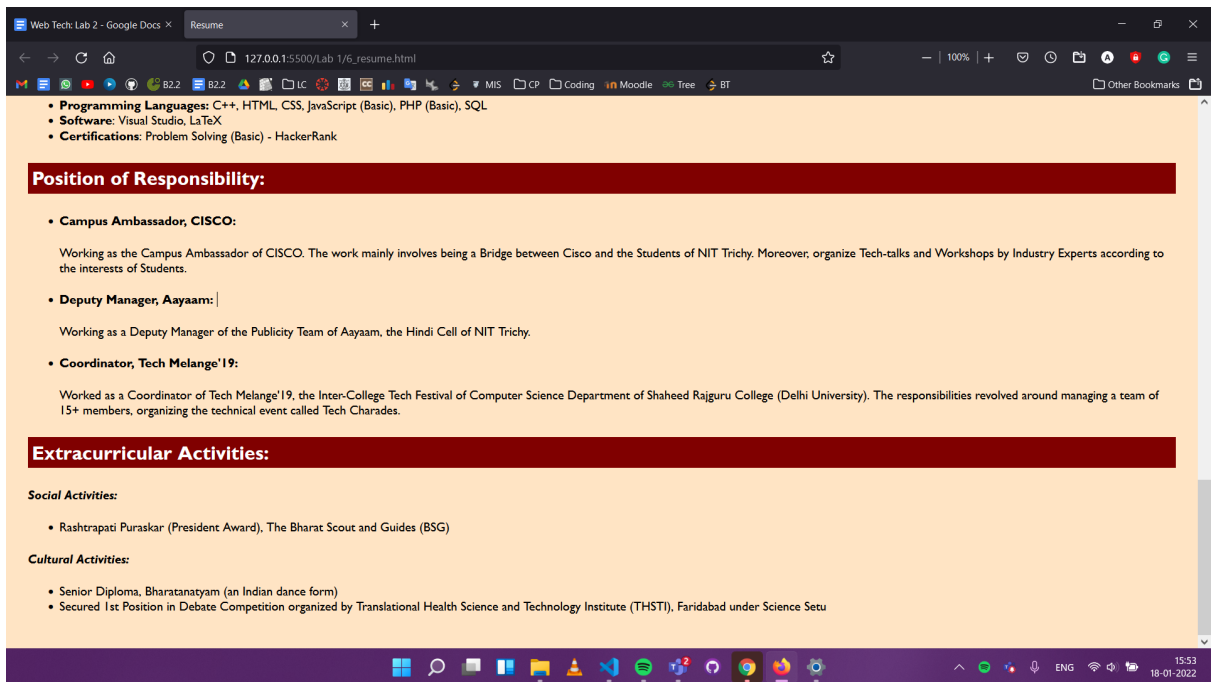
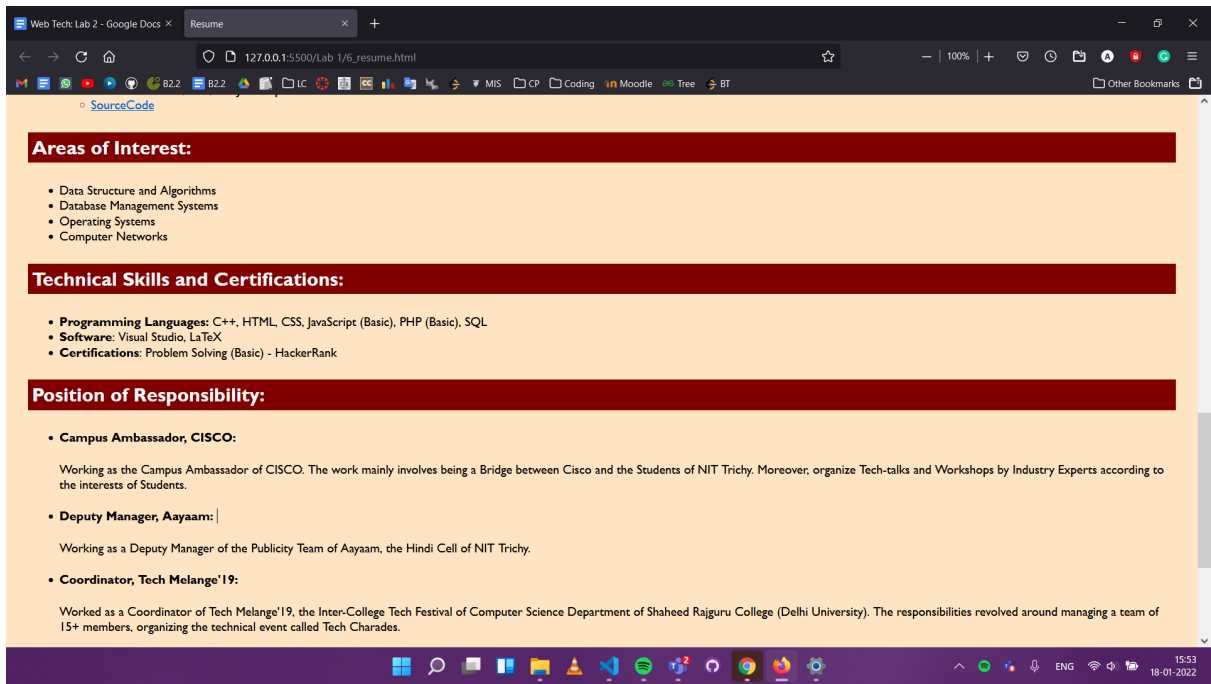
- **DAAD HSK Scholarship:** Awarded the prestigious DAAD-HSK Scholarship by DAAD (German Academic Exchange Service) to pursue a fully-funded Summer Course on "German for Technicians and Engineers" at Technische Universität (TU), Wildau, Germany in August'21
- **AIR 15: NIMCET'20** (NIT MCA Common Entrance Test)
- **C2 Level (Native level) in the German Language**, recognized by GOETHE Institute, Hamburg
- **Scholarship for PASCH German Language Camp:** Invited to attend a three-week-long International PASCH German Language Camp held at St. Peter-Ording, Germany, on full scholarship

Projects:

- **MIND MATRIX:**
 - Online Competitive Event constituting three categories of Challenges: Riddles, Decoding pictures, and Capture the Flag (CTF)
 - Organized under Innovac'21, the Tech-Fest of Parallel Computing Club of CA Dept. of NIT Trichy, having 90+ Student participation
 - Tech stack: HTML, CSS, JavaScript, Bootstrap, and PHP
 - [SourceCode](#)
- **WEB PORTFOLIO**
 - Personal Portfolio Website, reflecting my achievements and capabilities
 - Tech stack: HTML, CSS, and JavaScript
 - [SourceCode](#)

Areas of Interest:

- Data Structure and Algorithms
- Database Management Systems



```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
<meta name="viewport" content="width=device-width,
initial-scale=1.0">

<title>Resume</title>

<style>

    body{

        padding: 20px;

        background-color: bisque;

        font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
'Trebuchet MS', sans-serif;

    }

    tr{

        text-align: center;

    }

    header{

        display: flex;

        justify-content: center;

        align-items: center;

    }

    table{

        border-collapse: collapse;

    }

    table tr, td, th{

        border: 3px solid black;

        background: #fff;

        padding: 10px;

    }
```

```

        .heading{

            padding: 5px;

            font-size: 25px;

            background: maroon;

            color: white;

        }

    </style>

</head>

<body>

    <header>

        <ul style="list-style-type: none; padding-right: 700px;">

            <li><h1>AKRITI UPADHYAY</h1></li>

            <li><h3>Master of Computer Applications</h3></li>

            <li><h3>Gender: Female</h3></li>

            <li><h3>E-mail: tp@nitt.edu</h3></li>

            <li><h3>Contact: +91-431-2501081</h3></li>

        </ul>

    </header>

    <main>

        <h3 class="heading">Career Objective:</h3>

        <p>Looking for a challenging role in a reputable organization
to utilize my technical, database, and management skills for the growth

```

of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector.</p>

<h3 class="heading">Educational Qualifications:</h3>

<table style="margin: 0 400px;" border=1>

<tr>

<th>Year</th>

<th>Degree/Examination</th>

<th>Institution/Board</th>

<th>CGPA/Percentage</th>

</tr>

<tr>

<td>2023</td>

<td>MCA</td>

<td>NIT, Trichy</td>

<td>9.3*</td>

</tr>

<tr>

<td>2020</td>

<td>B.Sc. (Hons) Computer Science</td>

<td>Shaheed Rajguru College of Applied Sciences for Women (University of Delhi)</td>

<td>9.02</td>

</tr>

<tr>

<td>2017</td>

<td>Class XII</td>
<td>Kendriya Vidyalaya, Noida, CBSE</td>
<td>90.5%</td>
</tr>
<tr>
<td>2015</td>
<td>Class X</td>
<td>Kendriya Vidyalaya, Noida, CBSE</td>
<td>10</td>
</tr>
</table>

Academic Achievements:

- DAAD HSK Scholarship: Awarded the prestigious DAAD-HSK Scholarship by DAAD (German Academic Exchange Service) to pursue a fully-funded Summer Course on "German for Technicians and Engineers" at Technische Universität (TU), Wildau, Germany in August
- AIR 15: NIMCET (NIT MCA Common Entrance Test)
- C2 Level (Native level) in the German Language, recognized by GOETHE Institute, Hamburg
- Scholarship for PASCH German Language Camp: Invited to attend a three-week-long International PASCH German Language Camp held at St. Peter-Ording, Germany, on full scholarship

```
<h3 class="heading">Projects:</h3>

<ul>

  <li>

    <h4>MIND MATRIX:</h4>

    <ul>

      <li>Online Competitive Event constituting three
categories of Challenges: Riddles, Decoding pictures, and Capture the
Flag (CTF)</li>

      <li>Organized under Innovac&apos;21, the Tech-Fest
of Parallel Computing Club of CA Dept. of NIT Trichy, having 90+
Student participation</li>

      <li>Tech stack: HTML, CSS, JavaScript, Bootstrap,
and PHP</li>

      <li><a
href="https://github.com/akriti-upadhyay/Mind-Matrix.git">SourceCode</a
></li>

    </ul>

  </li>

  <li>

    <h4>WEB PORTFOLIO</h4>

    <ul>

      <li>Personal Portfolio Website, reflecting my
achievements and capabilities</li>

      <li>Tech stack: HTML, CSS, and JavaScript</li>

      <li><a
href="https://github.com/akriti-upadhyay/Web-Portfolio.git">SourceCode<
/a></li>

    </ul>

  </li>

</ul>
```

```
</li>
```

```
</ul>
```

```
<h3 class="heading">Areas of Interest:</h3>
```

```
<ul>
```

```
<li>Data Structure and Algorithms</li>
```

```
<li>Database Management Systems</li>
```

```
<li>Operating Systems</li>
```

```
<li>Computer Networks</li>
```

```
</ul>
```

```
<h3 class="heading">Technical Skills and Certifications:</h3>
```

```
<ul>
```

```
<li><b>Programming Languages:</b> C++, HTML, CSS,  
JavaScript (Basic), PHP (Basic), SQL</li>
```

```
<li><b>Software</b>: Visual Studio, LaTeX</li>
```

```
<li><b>Certifications</b>: Problem Solving (Basic) -  
HackerRank</li>
```

```
</ul>
```

```
<h3 class="heading">Position of Responsibility:</h3>
```

```
<ul>
```

```
<li>
```

```
<h4>Campus Ambassador, CISCO:</h4>
```

```
<p>Working as the Campus Ambassador of CISCO. The work  
mainly involves being a Bridge between Cisco and the Students of NIT
```


Trichy. Moreover, organize Tech-talks and Workshops by Industry Experts according to the interests of Students.</p>

<h4>Deputy Manager, Aayaam: </h4>

<p>Working as a Deputy Manager of the Publicity Team of Aayaam, the Hindi Cell of NIT Trichy.</p>

<h4>Coordinator, Tech Melange'19: </h4>

<p>Worked as a Coordinator of Tech Melange'19, the Inter-College Tech Festival of Computer Science Department of Shaheed Rajguru College (Delhi University). The responsibilities revolved around managing a team of 15+ members, organizing the technical event called Tech Charades.</p>

<h3 class="heading">Extracurricular Activities:</h3>

<h4><i>Social Activities:</i></h4>

Rashtrapati Puraskar (President Award), The Bharat Scout and Guides (BSG)

<h4><i>Cultural Activities:</i></h4>

Senior Diploma, Bharatanatyam (an Indian dance form)

```

        <li>Secured 1st Position in Debate Competition organized
by Translational Health Science and Technology Institute (THSTI),
Faridabad under Science Setu</li>

```

```

    </ul>

```

```

</main>

```

```

</body>

```

```

</html>

```

5. Create Time-Table

SEC-A MCA : TIME-TABLE

DAY\TIME	10:30 AM - 11:20 AM	11:20 AM - 12:10 PM	12:10 PM - 1:30 PM	1:30 PM - 2:20 PM	2:20 PM - 3:10 PM	3:10 PM - 4:00 PM	4:00 PM - 4:50 PM
MONDAY	UNIX and Shell Programming	Information Security			Web Technology	Organizational behavior	
TUESDAY		Information Security		Web Technology LAB			UNIX and Shell Programming
WEDNESDAY	Distributed Technology	Information Security			Web Technology	Organizational behavior	
THURSDAY	Distributed Technology			Information Security Lab			UNIX and Shell Programming
FRIDAY					Web Technology		

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width,
initial-scale=1.0">

```

```
<title>2. Time Table</title>

<style>

    *{

        margin: 0;

        padding: 20px;

        box-sizing: border-box;

        font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
'Trebuchet MS', sans-serif;

    }

    body{

        font-size: 20px;

        display: flex;

        justify-content: center;

        align-items: center;

        min-height: 100vh;

    }

    caption{

        font-size: 30px;

    }

    table{

        border-collapse: collapse;

    }

    table tr, td, th{

        border: 3px solid black;

    }

}
```

```

tr{

    text-align: center;

}

th{

    background-color: lightcoral;

}

td{

    background-color: lightblue;

}

</style>
</head>
<body>

<table border=2>

    <caption>SEC-A MCA : TIME-TABLE</caption>

    <tr>

        <th>DAY\TIME</th>

        <th>10:30 AM - 11:20 AM</th>

        <th>11:20 AM - 12:10 PM</th>

        <th>12:10 PM - 1:30 PM</th>

        <th>1:30 PM - 2:20 PM</th>

        <th>2:20 PM - 3:10 PM</th>

        <th>3:10 PM - 4:00 PM</th>

        <th>4:00 PM - 4:50 PM</th>

    </tr>

    <tr>

```

```

        <th>MONDAY</th>

        <td>UNIX and Shell Programming</td>

        <td>Information Security</td>

        <td></td>

        <td></td>

        <td>Web Technology</td>

        <td>Organizational behavior</td>

        <td></td>

</tr>

<tr>

    <th>TUESDAY</th>

    <td></td>

    <td>Information Security</td>

    <td></td>

    <td colspan="3">Web Technology LAB</td>

    <td>UNIX and Shell Programming</td>

</tr>

<tr>

    <th>WEDNESDAY</th>

    <td>Distributed Technology</td>

    <td>Information Security</td>

    <td></td>

    <td></td>

    <td>Web Technology</td>

    <td colspan="2">Organizational behavior</td>

```

```

</tr>

<tr>

    <th>THURSDAY</th>

    <td colspan="2">Distributed Technology</td>

    <td></td>

    <td colspan="3">Information Security Lab</td>

    <td>UNIX and Shell Programming</td>

</tr>

<tr>

    <th>FRIDAY</th>

    <td></td>

    <td></td>

    <td></td>

    <td></td>

    <td>Web Technology</td>

    <td></td>

    <td></td>

</tr>

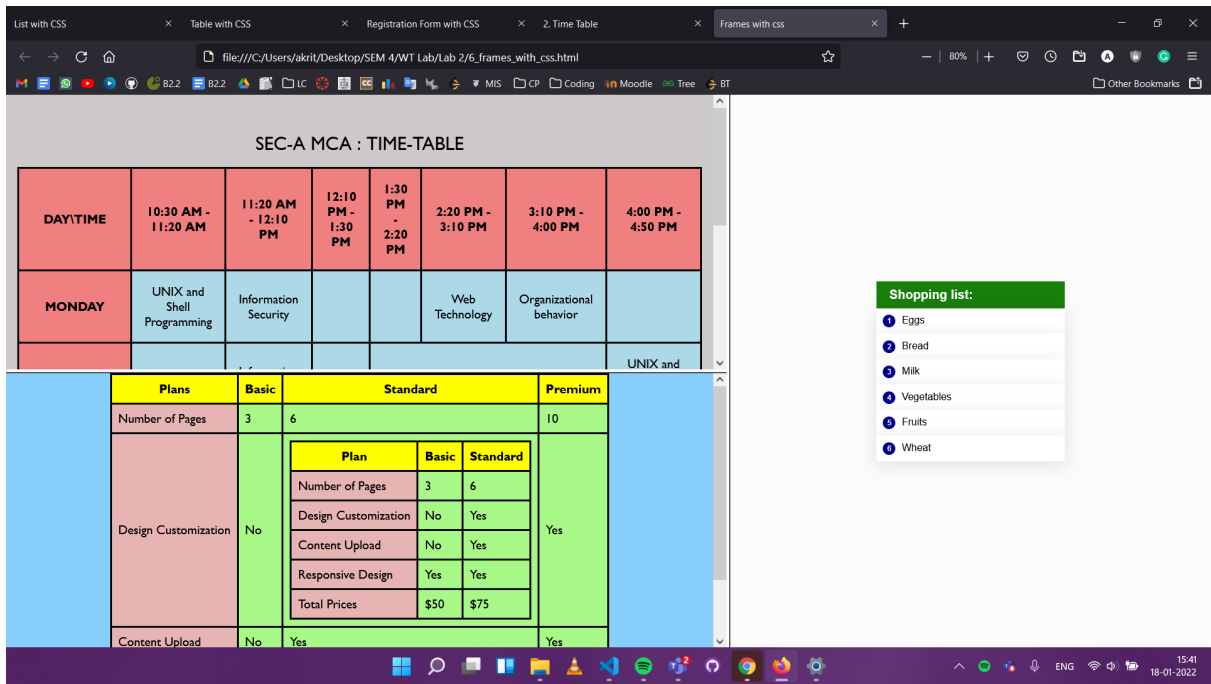
</table>

</body>

</html>

```

6. Create Frame



```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width,
initial-scale=1.0">

    <title>Frames with css</title>

    <style>

        #frame1{

            background: #cec9c9;

        }

        #frame2{

            background-color: lightskyblue;

        }

        #frame3{
```

```
        background-color: white;

    }

</style>

</head>

<frameset cols="*, 40%">

    <frameset rows="50%, 50%">

        <frame id="frame1" name="main"
src="5_timeTable_with_css.html"/>

        <frame id="frame2" name="bottom" src="2_table_with_css.html" />

    </frameset>

    <frame id="frame3" name="top" src="1_list_with_css.html"/>

<noframes>

    <body>

        Your browser doesn't support frames

    </body>

</noframes>

</frameset>

</html>
```

X-X-X-X