SOURCE CODE:

<html>

<head>

    <title> NUTAN LAB 1 . 2 Paragraph and List </title>

    <link rel="stylesheet" href="footer.css">

</head>

<style>

    h1 {

        font-family: 'Courier New', Courier, monospace;

        font-weight: 900 bolder;

        text-decoration: underline double;

    }

    body {

        justify-content: space-around;

        text-align: justify;

        margin: 30px;

    }

    ul {

        list-style: square;

    }

</style>

<body>

    <h1></h1>

    <h1> Department of Computer Science</h1>

    <p> Computer science focuses on the development and testing of software and software systems. </p>

    <p>

        Information technology (IT) focuses on the development, implementation, support, and management of computers and

        information systems. </p>

    <br>

    <br>

    <b> Some of the work we do are :</b>

    <ul>

        <li>Decide the curriculum for the year round.</li>

        <li>Assign class for teachers.</li>

        <li>Maintain the lab.</li>

        <li>Provide required softwares to the students.</li>

        <li>Fix the class routine and lab routine.</li>

    </ul>

    </p>

    <footer>

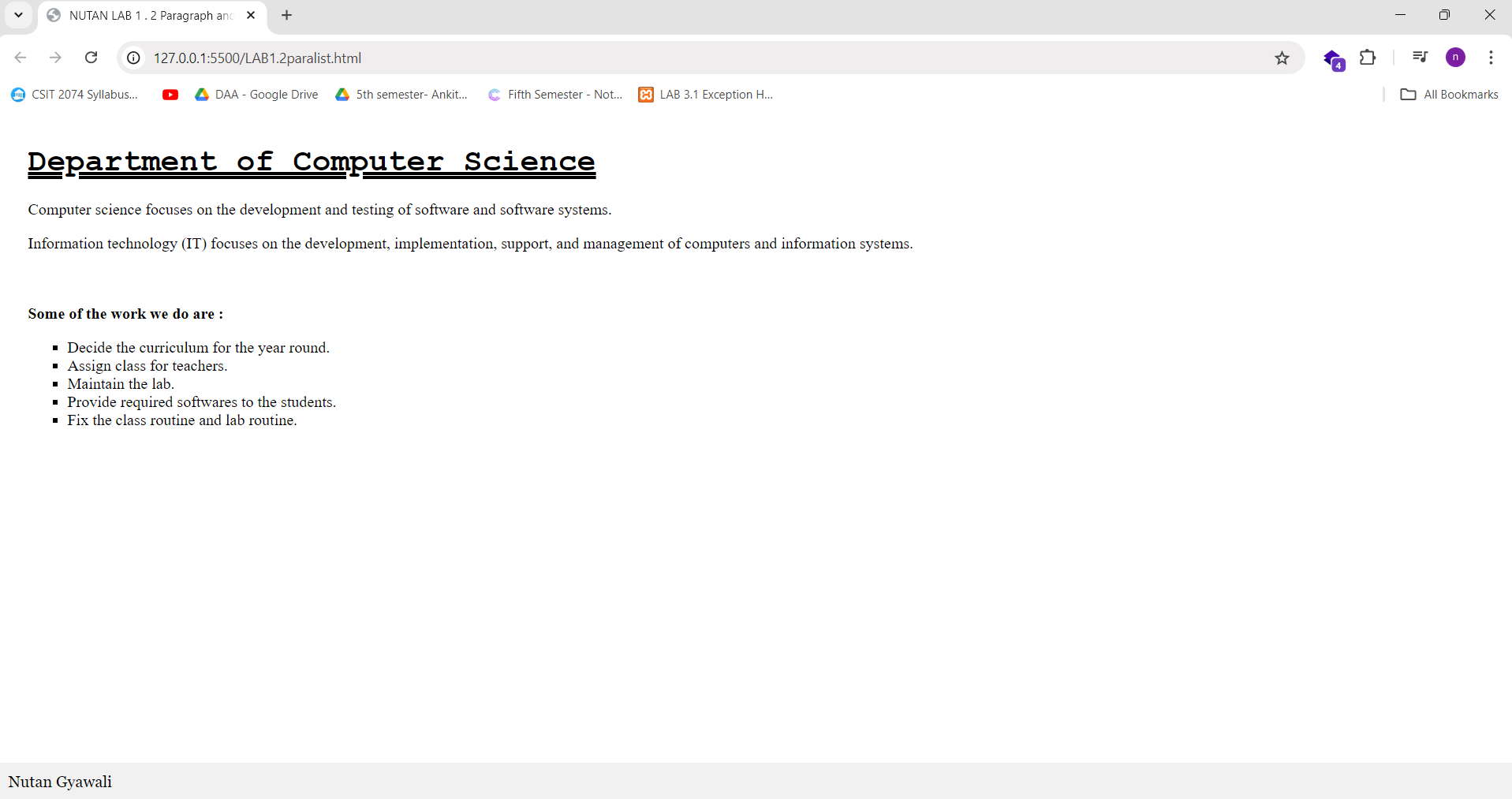
        Nutan Gyawali

    </footer>

</body>

</html>

OUTPUT:



SOURCE CODE:

<html>

<head>

    <title> Nutan LAB 1.3 Class Routine</title>

    <link rel="stylesheet" href="footer.css">

    <style>

        table {

            border-collapse: collapse;

        }

    </style>

</head>

<body>

    <table border=1px solid black;>

        <thead>

            <tr>

                <th colspan="4" style="text-align: center;"> Class Routine Section B</th>

            </tr>

        </thead>

        <tr>

            <th> Course Code </th>

            <th> class name </th>

            <th> class time </th>

            <th> subject Teacher </th>

        </tr>

        <tr>

            <td> CSC 316</td>

            <td> Cryptography </td>

            <td> 10:30 - 11:30 AM </td>

            <td> Mr. Arjun Lamichhane</td>

        </tr>

        <tr>

            <td> CSC 314</td>

            <td> Design Analysis and Algorithm </td>

            <td> 11:30 - 12:30 AM </td>

            <td> Mr. Bhim Rawat</td>

        </tr>

        <tr>

            <td> CSC 317</td>

            <td> Simulation and Modeling</td>

            <td> 12:30 - 1:30 AM </td>

            <td> Mr.Janak Joshi</td>

        </tr>

        <tr>

        <td colspan="4" style="text-align: center;"> <b>BREAK </b></td>

        </tr>

        <tr>

            <td> CSC 318</td>

            <td> Web Technology </td>

            <td> 2:00 - 3:00 AM </td>

            <td> Mr. Sagar KC</td>

        </tr>

        <tr>

            <td> CSC 319</td>

            <td> Multimedia </td>

            <td> 3:00 - 4:00 AM </td>

            <td> Ms. Sandhya Karki</td>

        </tr>

        <tr>

            <td> CSC 315</td>

            <td> System Analysis and Design </td>

            <td> 4:00 - 5:00 AM </td>

            <td> Mr. Santosh Dhungana </td>

        </tr>

    </table>

    <footer>

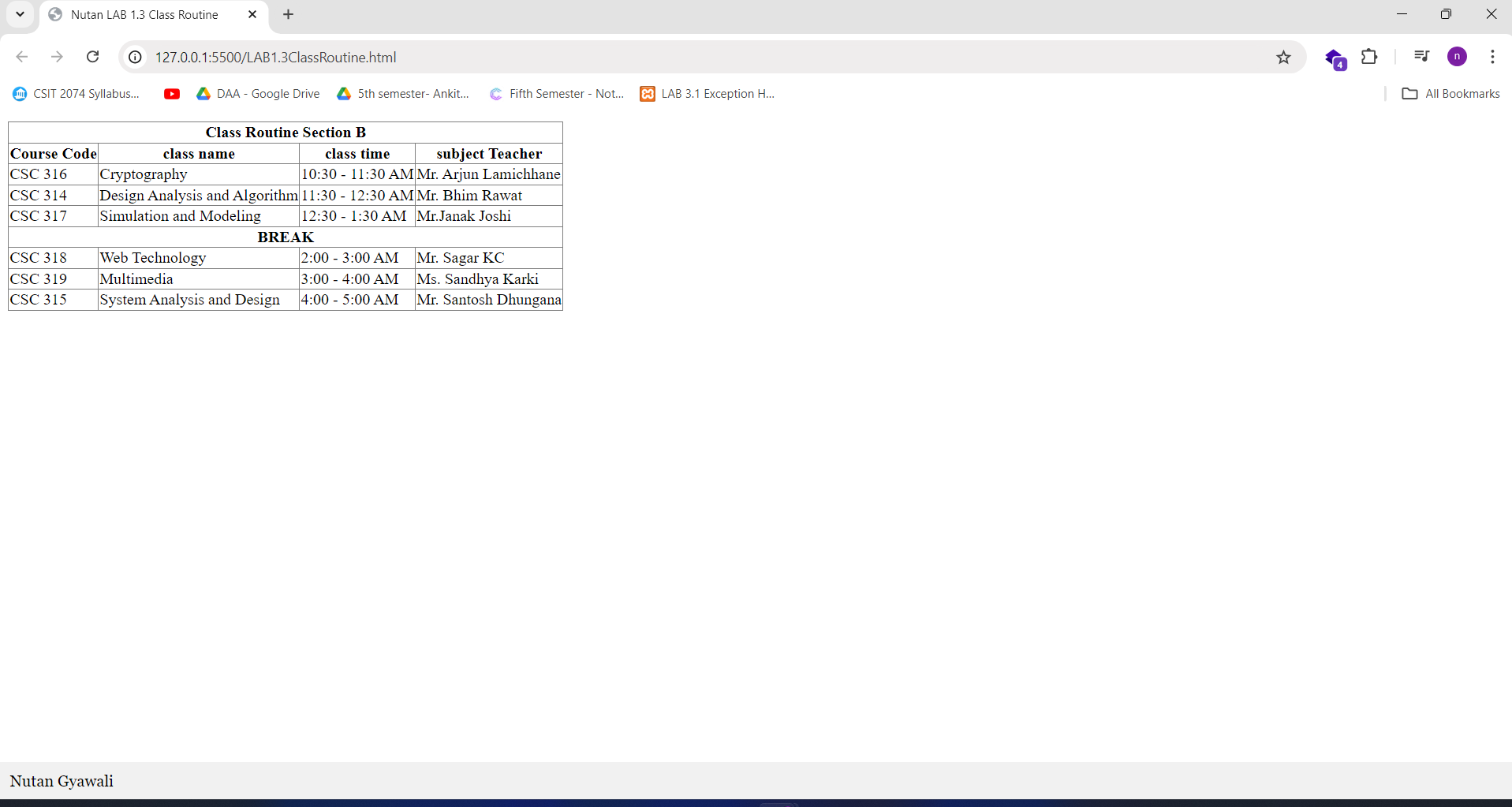
        Nutan Gyawali

    </footer>

</body>

</html>

OUTPUT:



SOURCE CODE:

<html>

<head>

    <title> Nutan Lab 1. 5 List </title>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <h1> Types of list </h1>

    <h2>

        <ol>

            <li> Ordered List </li>

            <li> Unordered List </li>

            <li> Description List </li>

        </ol>

    </h2>

    <h3 style="text-decoration: underline"> Example of Ordered List </h3>

    <ol>

        <li> BMW </li>

        <li> Mercedes </li>

        <li> Chevrolet </li>

        <li> Rolls Royce </li>

        <li> Ford </li>

        <li> Volkswagen </li>

    </ol>

    <h3 style="text-decoration: underline"> Example of Unordered List </h3>

    <ul>

        <li> BMW </li>

        <li> Mercedes </li>

        <li> Chevrolet </li>

        <li> Rolls Royce </li>

        <li> Ford </li>

        <li> Volkswagen </li>

    </ul>

    <h3 style="text-decoration: underline"> Example of Description List </h3>

    <dl>

        <dt> BMW </dt>

        <dd> is from Germany </dd>

        <dt> Mercedes </dt>

        <dd> is from Germany </dd>

        <dt> Chevrolet </dt>

        <dd> is from USA </dd>

        <dt> Rolls Royce </dt>

        <dd> is from England </dd>

        <dt> Ford </dt>

        <dd> is from USA </dd>

        <dt> Volkswagen </dt>

        <dd> is from Germany </dd>

    </dl>

    <footer>

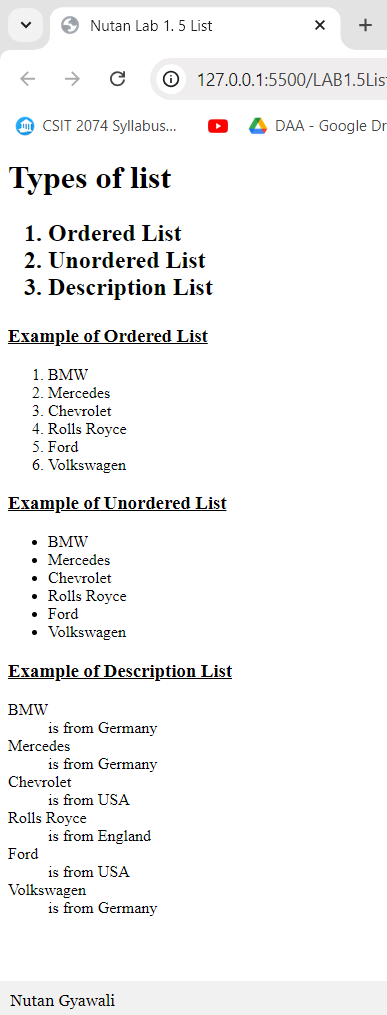
        Nutan Gyawali

    </footer>

</body>

</html>

OUTPUT:



SOURCE CODE:

<!DOCTYPE html>

<html>

<head>

    <title>NUTAN LAB1.7 Three Column Frameset</title>

    <link rel="stylesheet" href="footer.css">

</head>

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

    <frame src="left.html" name="leftFrame">

        <frame src="center.html" name="centerFrame">

            <frame src="right.html" name="rightFrame">

                <noframes>

                    <body>

                        Your browser does not support frames.

                    </body>

                </noframes>

</frameset>

</html>

**.//left.html**

<!DOCTYPE html>

<html>

<head>

    <title>Left</title>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <h1>Content</h1>

    <h3>Books to be read in class</h3>

    <ol>

        <li>The Kite Runner </li>

        <li>Number the Stars </li>

        <li>Pride and Prejudice </li>

        <li>The Outsiders </li>

        <li> Little Women </li>

    </ol>

    <footer>

        Nutan Gyawali

    </footer>

</body>

</html>

**.//right.html**

<!DOCTYPE html>

<html>

<head>

    <title>Right</title>

</head>

<body>

    <h1> Highlights </h1>

    <ol>

        <li>Khaled Hosseini</li>

        <li>Lois Lowry</li>

        <li> Jane Austen</li>

        <li>S.E. Hinton</li>

        <li>Louisa May Alcott</li>

    </ol>

</body>

</html>

**.//center.html**

<!DOCTYPE html>

<html>

<head>

    <title>Center</title>

</head>

<body>

    <h1> Body </h1>

    <p>These 27 books are a great place to start if you’re a longtime book lover or just starting to explore the world

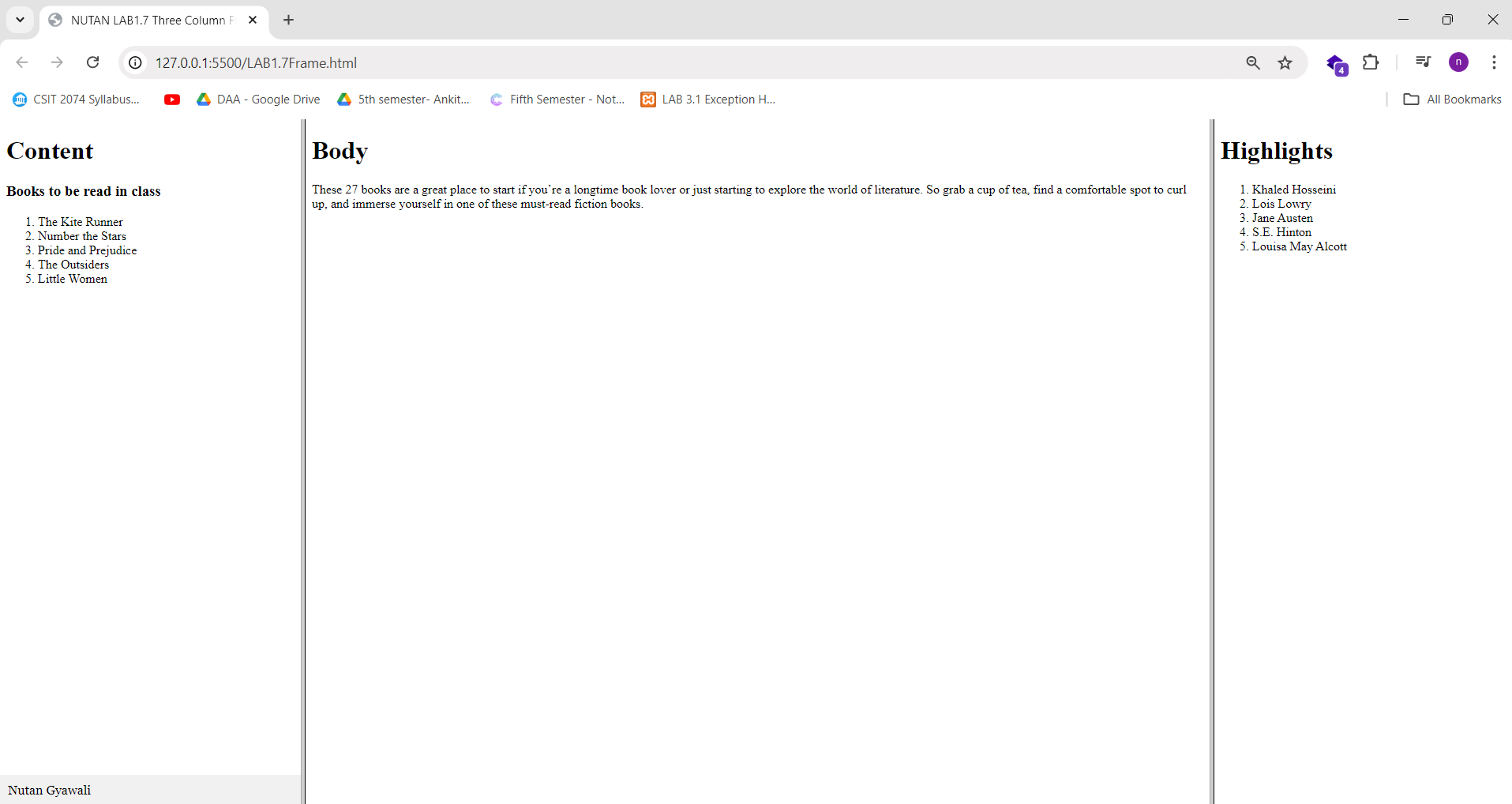
        of literature. So grab a cup of tea, find a comfortable spot to curl up, and immerse yourself in one of these

        must-read fiction books.</p>

</body>

</html>

OUTPUT:



SOURCE CODE:  
<html>

<head>

    <title>NUTAN LAB 1.8 LIST BOX</title>

    <style>

        body {

            font-family: Arial, sans-serif;

            background-color: #f4f4f9;

            margin: 0;

            padding: 0;

            display: flex;

            flex-direction: column;

            justify-content: center;

            align-items: center;

            height: 100vh;

        }

        h1 {

            color: #333;

        }

        .box {

            text-align: center;

            background-color: #fff;

            padding: 20px;

            border-radius: 8px;

            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

        }

        label {

            font-size: 16px;

            margin-right: 10px;

        }

        select {

            padding: 10px;

            font-size: 16px;

            border: 1px solid #ccc;

            border-radius: 4px;

            width: 200px;

        }

    </style>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <h1>Pick your dream car</h1>

    <div class="box">

        <label for="cars">Select your dream car</label>

        <select name="cars" id="cars">

            <option value="Mercedes">Mercedes</option>

            <option value="BMW"> BMW </option>

            <option value="Jaguar"> Jaguar </option>

            <option value="Lamborghini"> Lamborghini </option>

            <option value="Ferrari"> Ferrari </option>

            <option value="Ford"> Ford </option>

        </select>

    </div>

    <footer>

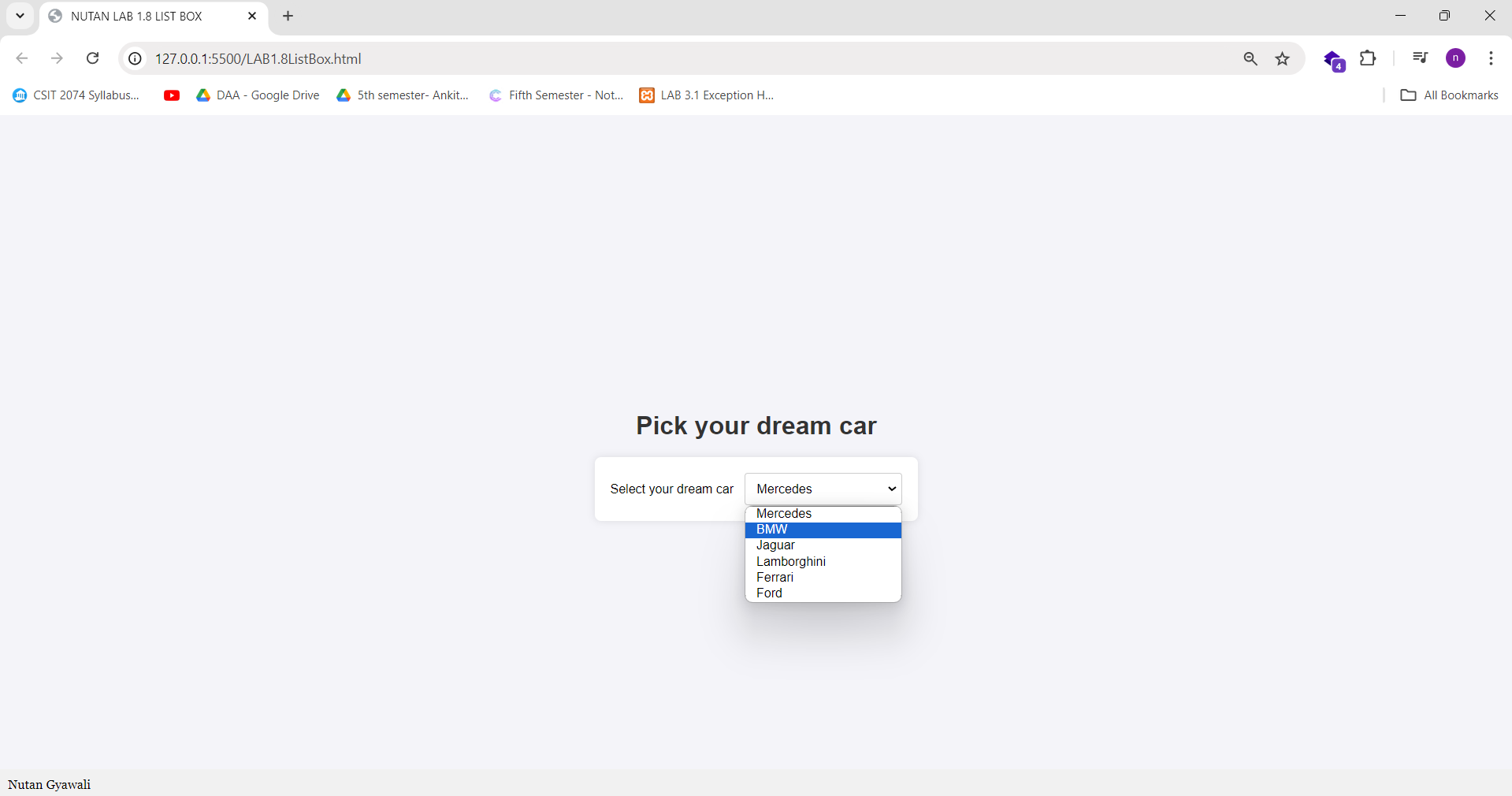
        Nutan Gyawali

    </footer>

</body>

</html>

OUTPUT:



SOURCE CODE:  
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<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>NUTAN LAB1.9 MARKSHEET</title>

    <link rel="stylesheet" href="marksheet.css">

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <div class="container">

        <img src="tu\_logo.png" alt="TU logo" class="logo">

        <p id="TU">Tribhuvan University</p>

        <p id="IOST">INSTITUTE OF SCIENCE AND TECHNOLOGY</p>

        <p class="dean">Dean's Office</p>

        <p class="dean">Semester Examination 2080</p>

        <p id="provision">PROVISIONAL STATEMENT OF MARKS</p>

        <p class="top-left">Name: NUTAN GYAWALI</p>

        <p class="top-left">Roll no: 28387/078</p>

        <p class="top-right">T.U. Regd.NO.: 5-2-38-266-2021</p>

        <p class="top-">Level: Four Years Bachelor's Degree In Computer Science and Information Technology.</p>

        <p class="top-right"><b>Campus: Padmakanya Multiple Campus, Bagbazar </b></p>

        <table border="1">

            <thead>

                <tr>

                    <th rowspan="2">Course No.</th>

                    <th rowspan="2">Subject</th>

                    <th colspan="3">Full Marks</th>

                    <th colspan="3">Pass Marks</th>

                    <th colspan="3">Marks Obtained</th>

                    <th rowspan="2">Credit hrs.</th>

                </tr>

                <tr>

                    <th>Asst</th>

                    <th>Sem</th>

                    <th>Total</th>

                    <th>Asst</th>

                    <th>Sem</th>

                    <th>Total</th>

                    <th>Asst</th>

                    <th>Sem</th>

                    <th>Total</th>

                </tr>

            </thead>

            <tbody>

                <tr>

                    <td>CSC 257</td>

                    <td>Theory of Computation</td>

                    <td>20</td>

                    <td>60</td>

                    <td>80</td>

                    <td>08</td>

                    <td>24</td>

                    <td>32</td>

                    <td>18</td>

                    <td>34</td>

                    <td>53</td>

                    <td>3 Cr.</td>

                </tr>

                <tr>

                    <td>CSC 258</td>

                    <td>Computer Networks</td>

                    <td>20</td>

                    <td>60</td>

                    <td>80</td>

                    <td>08</td>

                    <td>24</td>

                    <td>32</td>

                    <td>19</td>

                    <td>44</td>

                    <td>63</td>

                    <td>3 Cr.</td>

                </tr>

                <tr>

                    <td>CSC 259</td>

                    <td>Operating Systems</td>

                    <td>20</td>

                    <td>60</td>

                    <td>80</td>

                    <td>08</td>

                    <td>24</td>

                    <td>32</td>

                    <td>18</td>

                    <td>51</td>

                    <td>69</td>

                    <td>3 Cr.</td>

                </tr>

                <tr>

                    <td>CSC 260</td>

                    <td>Database Management System</td>

                    <td>20</td>

                    <td>60</td>

                    <td>80</td>

                    <td>08</td>

                    <td>24</td>

                    <td>32</td>

                    <td>19</td>

                    <td>46</td>

                    <td>65</td>

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                <tr>

                    <td>CSC 261</td>

                    <td>Artificial Intelligence</td>

                    <td>20</td>

                    <td>60</td>

                    <td>80</td>

                    <td>08</td>

                    <td>24</td>

                    <td>32</td>

                    <td>19</td>

                    <td>42</td>

                    <td>61</td>

                    <td>3 Cr.</td>

                </tr>

                <tr>

                    <td>CSC 257</td>

                    <td>Theory of Computation</td>

                    <td>-</td>

                    <td>-</td>

                    <td>20</td>

                    <td>-</td>

                    <td>-</td>

                    <td>08</td>

                    <td>-</td>

                    <td>-</td>

                    <td>19</td>

                    <td> </td>

                </tr>

                <tr>

                    <td>CSC 257</td>

                    <td>Computer Networks</td>

                    <td>-</td>

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                    <td>20</td>

                    <td>-</td>

                    <td>-</td>

                    <td>08</td>

                    <td>-</td>

                    <td>-</td>

                    <td>18</td>

                    <td> </td>

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                <tr>

                    <td>CSC 257</td>

                    <td>Operating Systems</td>

                    <td>-</td>

                    <td>-</td>

                    <td>20</td>

                    <td>-</td>

                    <td>-</td>

                    <td>08</td>

                    <td>-</td>

                    <td>-</td>

                    <td>20</td>

                    <td> </td>

                </tr>

                <tr>

                    <td>CSC 257</td>

                    <td>Database Management System</td>

                    <td>-</td>

                    <td>-</td>

                    <td>20</td>

                    <td>-</td>

                    <td>-</td>

                    <td>08</td>

                    <td>-</td>

                    <td>-</td>

                    <td>19</td>

                    <td> </td>

                </tr>

                <tr>

                    <td>CSC 257</td>

                    <td>Artificial Intelligence</td>

                    <td>-</td>

                    <td>-</td>

                    <td>20</td>

                    <td>-</td>

                    <td>-</td>

                    <td>08</td>

                    <td>-</td>

                    <td>-</td>

                    <td>18</td>

                    <td> </td>

                </tr>

                <tr>

                    <td colspan="2"><b> GRAND TOTAL: </b></td>

                    <td></td>

                    <td></td>

                    <td>500</td>

                    <td></td>

                    <td></td>

                    <td></td>

                    <td></td>

                    <td></td>

                    <td>405</td>

                    <td>15 Cr.</td>

                </tr>

            </tbody>

        </table>

        <p class="bottom">Result: Pass</p>

        <p class="bottom">Verified: </p>

        <p class="bottom">Balkhu, Kathmandu</p>

        <p class="bottom">Date: 1 July 2024</p>

        <p class="bottom-right"> Asst. Dean</p>

    </div>

    <footer>

        Nutan Gyawali

    </footer>

</body>

</html>

**.//marksheet.css**

body {

    font-family: Arial, sans-serif;

    background-color: #f4f4f9;

    margin: 0;

    padding: 20px;

}

.container {

    max-width: 800px;

    margin: auto;

    background: #fff;

    padding: 20px;

    border-radius: 8px;

    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

    text-align: center;

    position: relative;

}

.logo {

    width: 100px;

}

#TU,

#IOST,

.dean,

#provision {

    font-weight: bold;

}

#TU {

    font-size: 24px;

}

#IOST {

    font-size: 20px;

}

.dean {

    font-size: 18px;

}

#provision {

    font-size: 16px;

    margin: 20px 0;

}

.info {

    display: flex;

    justify-content: space-between;

    margin: 20px 0;

    flex-wrap: wrap;

}

.info-left,

.info-right {

    width: 45%;

}

.info-right {

    text-align: right;

}

table {

    width: 100%;

    border-collapse: collapse;

    margin: 20px 0;

}

table,

th,

td {

    border: 1px solid black;

}

th,

td {

    padding: 8px;

    text-align: center;

}

th {

    background-color: #f2f2f2;

}

p {

    margin: 5px 0;

}

.bottom {

    text-align: left;

    margin-top: 20px;

}

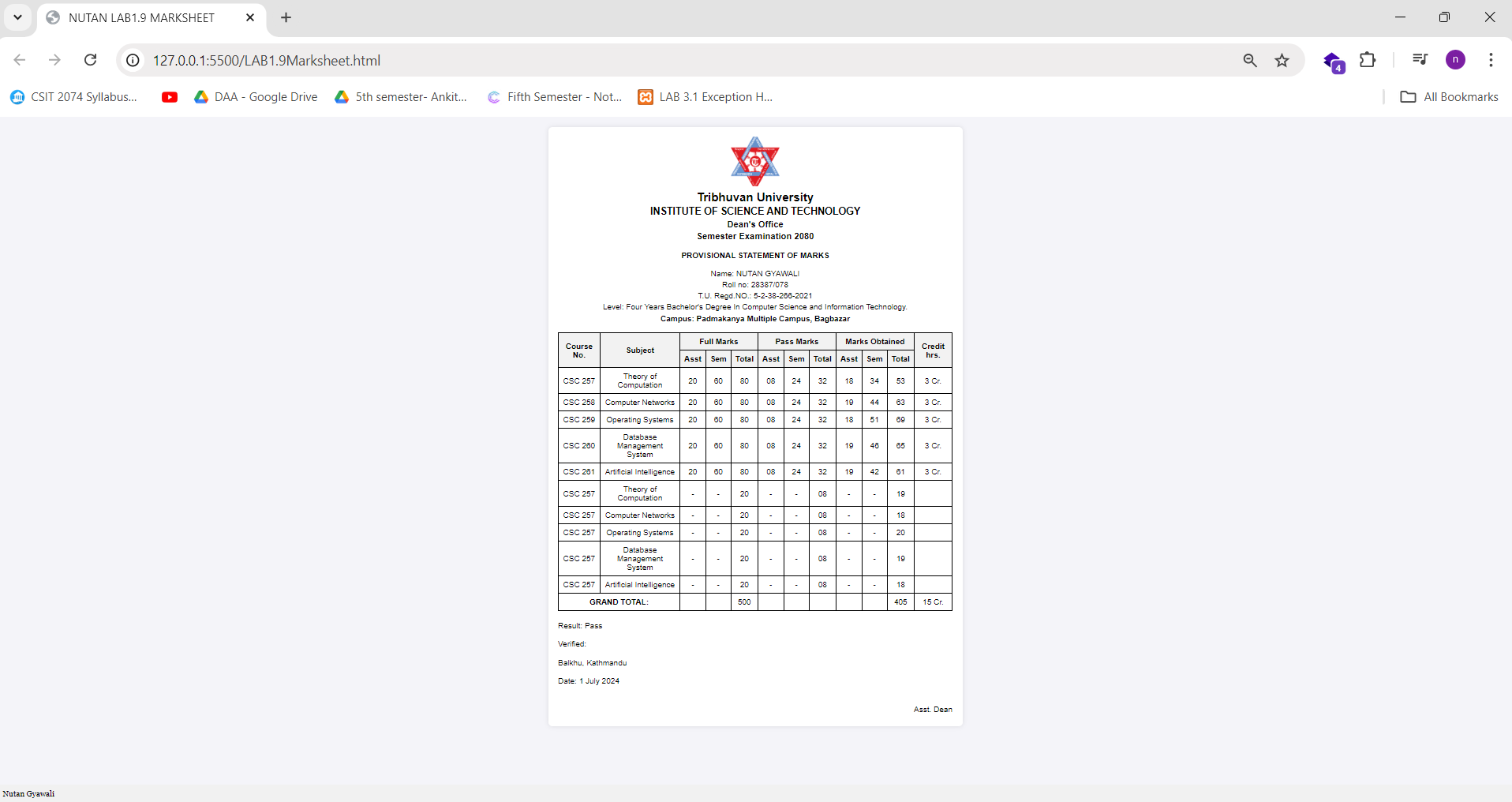
.bottom-right {

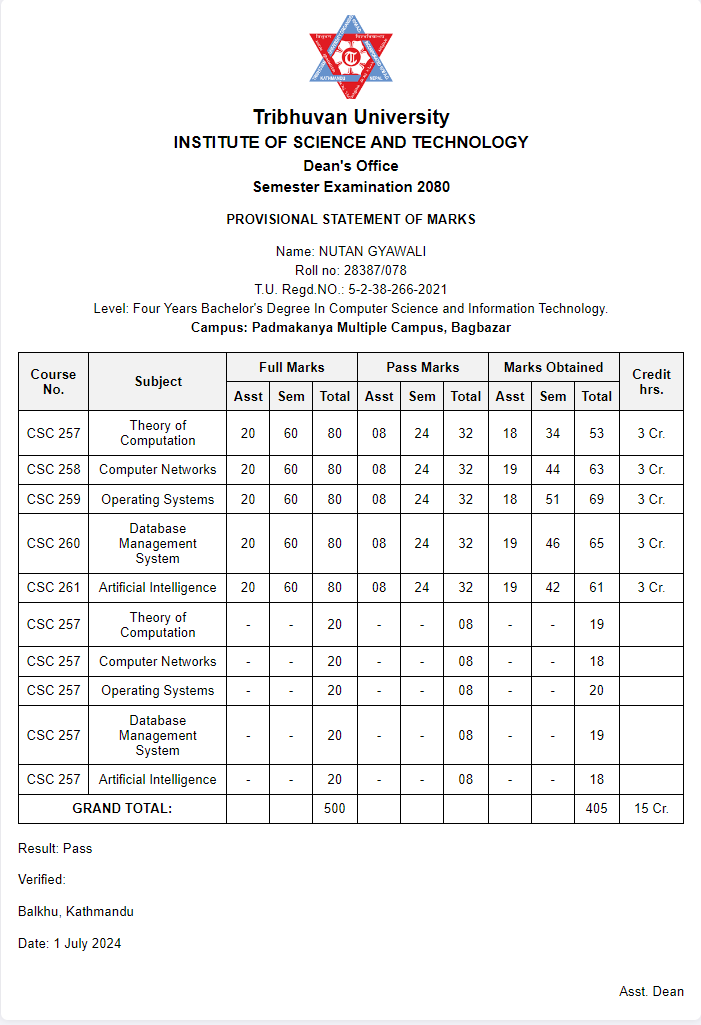
    text-align: right;

    margin-top: 40px;

}

OUTPUT:





SOURCE CODE:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>NUTAN LAB 1.10 Registration Form</title>

    <link rel="stylesheet" href="register.css">

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <div class="container">

        <h1>Registration Form</h1>

        <form action="/submit" method="post">

            <div class="form-group">

                <label for="firstName">First Name</label>

                <input type="text" id="firstName" name="firstName" required>

            </div>

            <div class="form-group">

                <label for="lastName">Last Name</label>

                <input type="text" id="lastName" name="lastName" required>

            </div>

            <div class="form-group">

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

                <input type="email" id="email" name="email" required>

            </div>

            <div class="form-group">

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

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

            </div>

            <div class="form-group">

                <label for="confirmPassword">Confirm Password</label>

                <input type="password" id="confirmPassword" name="confirmPassword" required>

            </div>

            <div class="form-group">

                <label for="phone">Phone Number</label>

                <input type="tel" id="phone" name="phone" required>

            </div>

            <div class="form-group">

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

                <textarea id="address" name="address" required></textarea>

            </div>

            <div class="form-group">

                <label for="gender">Gender</label>

                <select id="gender" name="gender" required>

                    <option value="male">Male</option>

                    <option value="female">Female</option>

                    <option value="other">Other</option>

                </select>

            </div>

            <div class="form-group">

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

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

            </div>

            <div class="form-group">

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

            </div>

        </form>

    </div>

    <footer>

        Nutan Gyawali

    </footer>

</body>

</html>

**.//register.css**

body {

    font-family: Arial, sans-serif;

    background-color: #f4f4f9;

    margin-bottom: 10px;

    padding: 20px;

}

.container {

    max-width: 500px;

    margin: auto;

    background: #fff;

    padding: 20px;

    border-radius: 8px;

    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

h1 {

    text-align: center;

    margin-bottom: 20px;

}

.form-group {

    margin-bottom: 15px;

}

label {

    display: block;

    margin-bottom: 5px;

    font-weight: bold;

}

input[type="text"],

input[type="email"],

input[type="password"],

input[type="tel"],

input[type="date"],

textarea,

select {

    width: 100%;

    padding: 8px;

    box-sizing: border-box;

    border: 1px solid #ccc;

    border-radius: 4px;

}

textarea {

    height: 30px;

}

button {

    width: 100%;

    padding: 10px;

    background-color: #b85c89;

    color: white;

    border: none;

    border-radius: 4px;

    cursor: pointer;

    font-size: 16px;

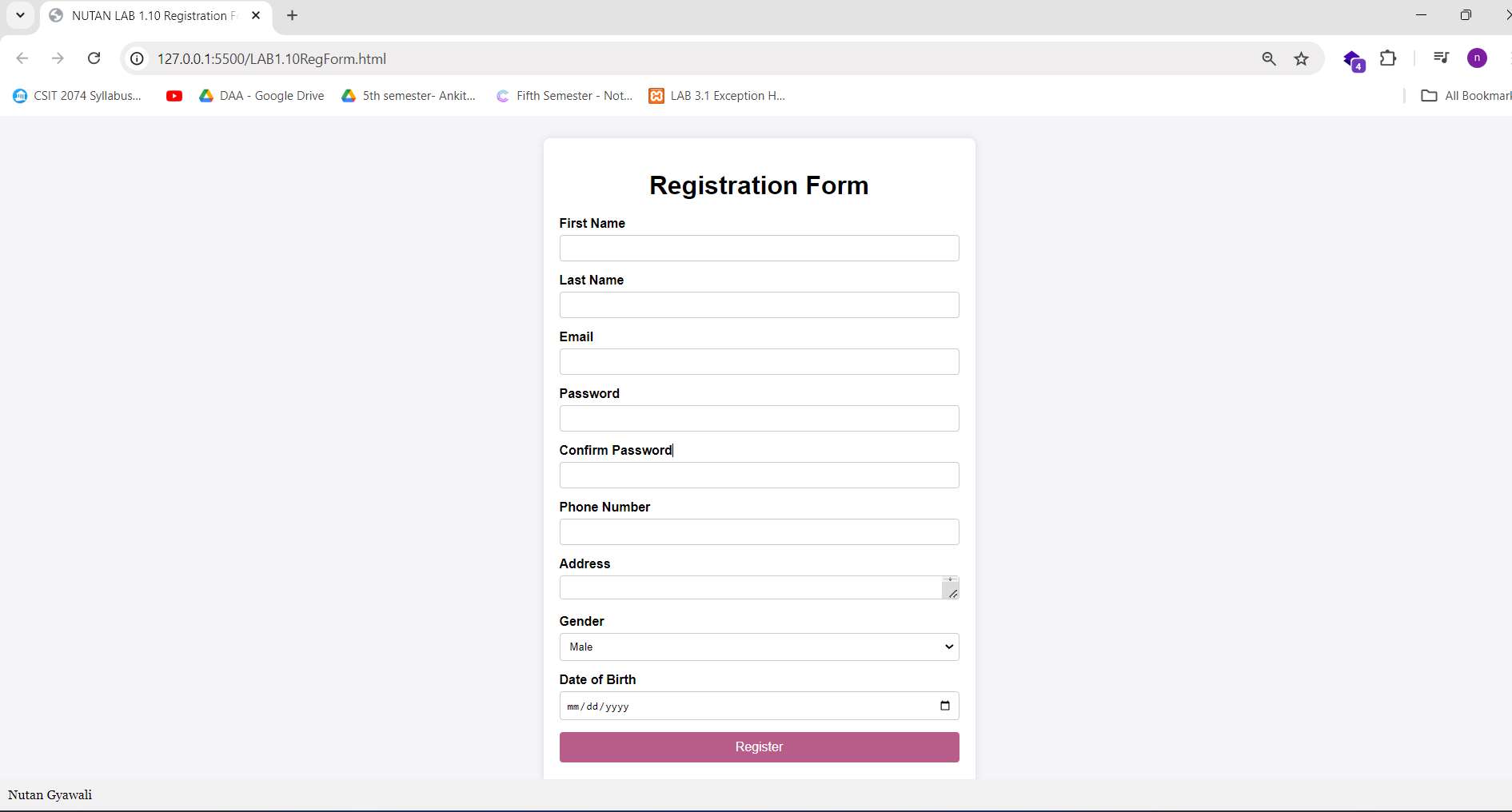
}

button:hover {

    background-color: #be74a6;

}

OUTPUT:



SOURCE CODE:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>NUTAN LAB 1.12 CV PAGE</title>

    <link rel="stylesheet" href="cv.css">

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <div class="container">

        <div id="personal-info">

            <p id="name">NUTAN GYAWALI</p>

            <p id="description">Full Stack Developer</p>

        </div>

        <div id="profile">

            <p class="heading">PROFILE</p>

            <p>

                I am currently enrolled in BSc. CSIT. I have a keen interest in backend development and generative AI. I

                am proficient in all the languages I have mentioned. I prefer to work with Django or C#. I am very

                curious person by nature who can learn quickly. I am good with making industry level code.

            </p>

        </div>

        <div id="contact">

            <p class="heading">CONTACT</p>

            <p class="phone">9861815910</p>

            <p class="phone">nutangyawali01@gmail.com</p>

        </div>

        <div id="skills">

            <p class="heading">SKILLS</p>

            <p class="language">C, C++, C#</p>

            <p class="language">HTML, CSS, JAVASCRIPT</p>

            <p class="language">REACT.JS</p>

            <p class="language">PYTHON</p>

        </div>

        <div id="education">

            <p class="heading">EDUCATION</p>

            <p class="learn"><b> SEE</b></p>

            <p>KMC SCHOOL</p>

            <p id="marks">2075 - 3.8 GPA</p>

            <p class="learn"><b> HighSchool </b></p>

            <p>Kathmandu Model Secondary School</p>

            <p id="marks">2077 - 3.57 GPA</p>

            <p class="learn"><b> BSc. CSIT </b></p>

            <p>Padmakanya Multiple Campus</p>

            <p id="marks">2078-2082 (expected)</p>

        </div>

        <div id="project">

            <p class="project-heading">PROJECTS</p>

            <p class="proj"><b> Flappy Bird</b></p>

            <p>HTML, CSS, JAVASCRIPT</p>

            <p> LINK: <a

                    href="https://nutan-gyawali.github.io/flappybird/">https://nutan-gyawali.github.io/flappybird/</a>

            </p>

            <p class="proj"><b> Candy Crush</b></p>

            <p>HTML, CSS, JAVASCRIPT</p>

            <p> LINK: <a

                    href="https://nutan-gyawali.github.io/candy-crush/">https://nutan-gyawali.github.io/candy-crush/</a>

            </p>

            <p class="proj"><b> Portfolio Website</b></p>

            <p>HTML, CSS, JAVASCRIPT</p>

            <p> LINK: <a

                    href="https://nutan-gyawali.github.io/portflio-website/">https://nutan-gyawali.github.io/portflio-website/</a>

            </p>

            <p class="proj"><b> To DO LIST</b></p>

            <p>REACT</p>

            <p> LINK: <a

                    href="https://github.com/Nutan-Gyawali/todo-list">https://github.com/Nutan-Gyawali/todo-list</a></p>

        </div>

        <div id="work-experience">

            <p class="heading">WORK EXPERIENCE</p>

            <p class="experience">

            <p><b> React Developer </b> </p>

            <p> ABC Technologies</p>

            <p>

                Responsibilities:

                <li> Developing new user-facing features using React.js </li>

                <li> Translating designs and wireframes into high quality code </li>

                <li> Optimizing components for maximum performance. </li>

            </p>

            </p>

        </div>

    </div>

    <footer>

        Nutan Gyawali

    </footer>

</body>

</html>

.//cv.css

/\* General Styles \*/

body {

    font-family: Arial, sans-serif;

    margin: 0;

    padding: 0;

    background-color: #f4f4f9;

    color: #333;

}

.container {

    width: 80%;

    max-width: 900px;

    margin: 30px auto;

    padding: 20px;

    background-color: #fff;

    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

    border-radius: 10px;

}

/\* Personal Info \*/

#personal-info {

    text-align: center;

    margin-bottom: 20px;

}

#name {

    font-size: 2em;

    font-weight: bold;

}

#description {

    font-size: 1.2em;

    color: #666;

}

/\* Section Headings \*/

.heading {

    font-size: 1.5em;

    font-weight: bold;

    border-bottom: 2px solid #333;

    margin-bottom: 10px;

    padding-bottom: 5px;

}

/\* Profile Section \*/

#profile {

    margin-bottom: 20px;

}

/\* Contact Section \*/

#contact {

    margin-bottom: 20px;

}

.phone {

    margin-bottom: 5px;

}

/\* Skills Section \*/

#skills {

    margin-bottom: 20px;

}

.language {

    margin-bottom: 5px;

}

/\* Education Section \*/

#education {

    margin-bottom: 20px;

}

.learn {

    font-size: 1.2em;

    font-weight: bold;

    margin-top: 10px;

}

#marks {

    margin-bottom: 10px;

}

/\* Project Section \*/

#project {

    margin-bottom: 20px;

}

.project-heading {

    font-size: 1.5em;

    font-weight: bold;

    border-bottom: 2px solid #333;

    margin-bottom: 10px;

    padding-bottom: 5px;

}

.proj {

    font-size: 1.2em;

    font-weight: bold;

    margin-top: 10px;

}

#project p {

    margin: 5px 0;

}

/\* Work Experience Section \*/

#work-experience {

    margin-bottom: 20px;

}

.experience {

    margin-bottom: 10px;

}

/\* Footer \*/

footer {

    text-align: center;

    padding: 10px;

    background-color: #333;

    color: #fff;

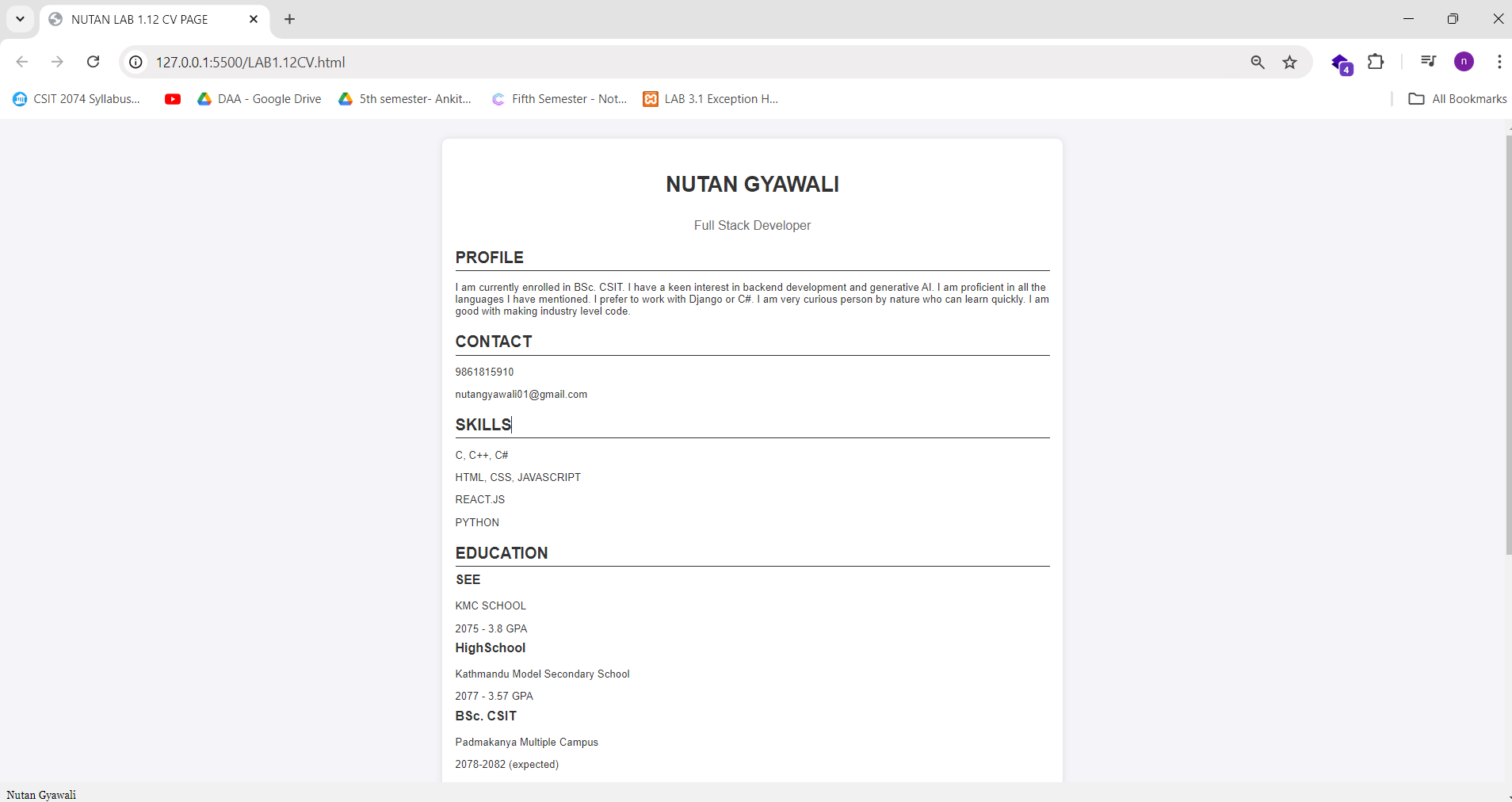
    position: fixed;

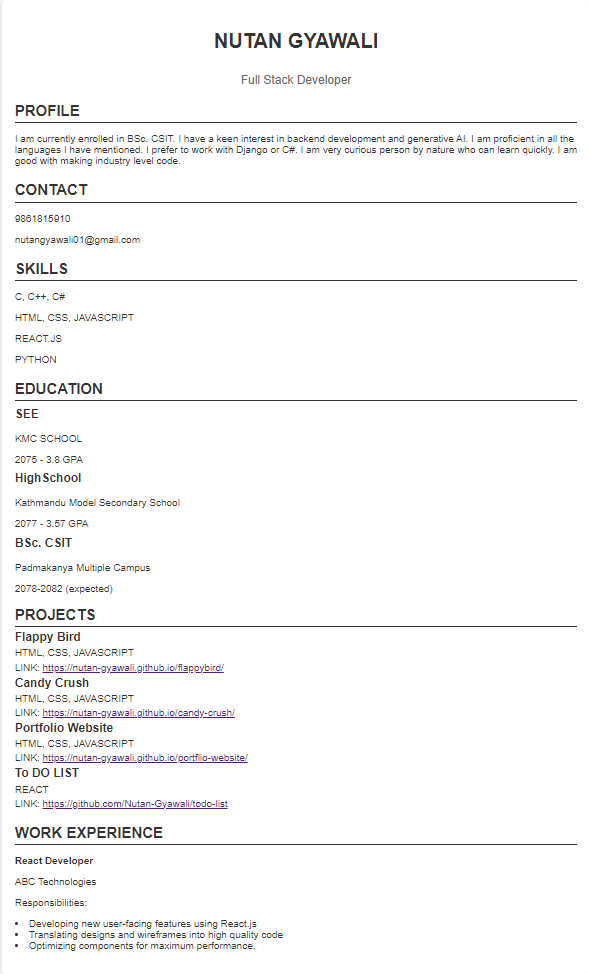
    width: 100%;

    bottom: 0;

}

OUTPUT:





SOURCE CODE:

<html>

<head>

    <title>

        Nutan LAB 1.4 Types of CSS

    </title>

    <link rel="stylesheet" href="style.css">

    <link rel="stylesheet" href="footer.css">

    <style>

        #internal {

            margin-left: 30px;

        }

        #para {

            color: blue;

            font-size: 40px;

            font-family: Impact, Haettenschweiler, 'Arial Narrow Bold', sans-serif;

        }

    </style>

</head>

<body>

    <div id="internal">

        <p id="para"> This is styled through internal CSS. The style elements for this part is included in the head

            section of

            this page.</p>

    </div>

    <div>

        <p style="color:red;  font-family: 'Courier New', Courier, monospace; font-size: 30px; margin: 30px;"> This is

            styled with

            inline css. The

            style for this is included in this line.</p>

    </div>

    <div>

        <p id="external"> This is styled with external css. There are two external css files included here namely,

            footer.css and

            style.css. Footer.css has been used for every page in this lab report as an external css. In the other hand,

            style.css is exclusive only for this page. </p>

    </div>

</body>

<footer>

    Nutan Gyawali

</footer>

</html>

.//style.css

body {

    border: 7px solid black;

}

#external {

    margin: 30px;

    font-size: 30px;

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

}

.//footer.css

footer {

    position: fixed;

    bottom: 0;

    left: 0;

    padding: 10px;

    background-color: #f1f1f1;

    width: 100%;

    text-align: left;

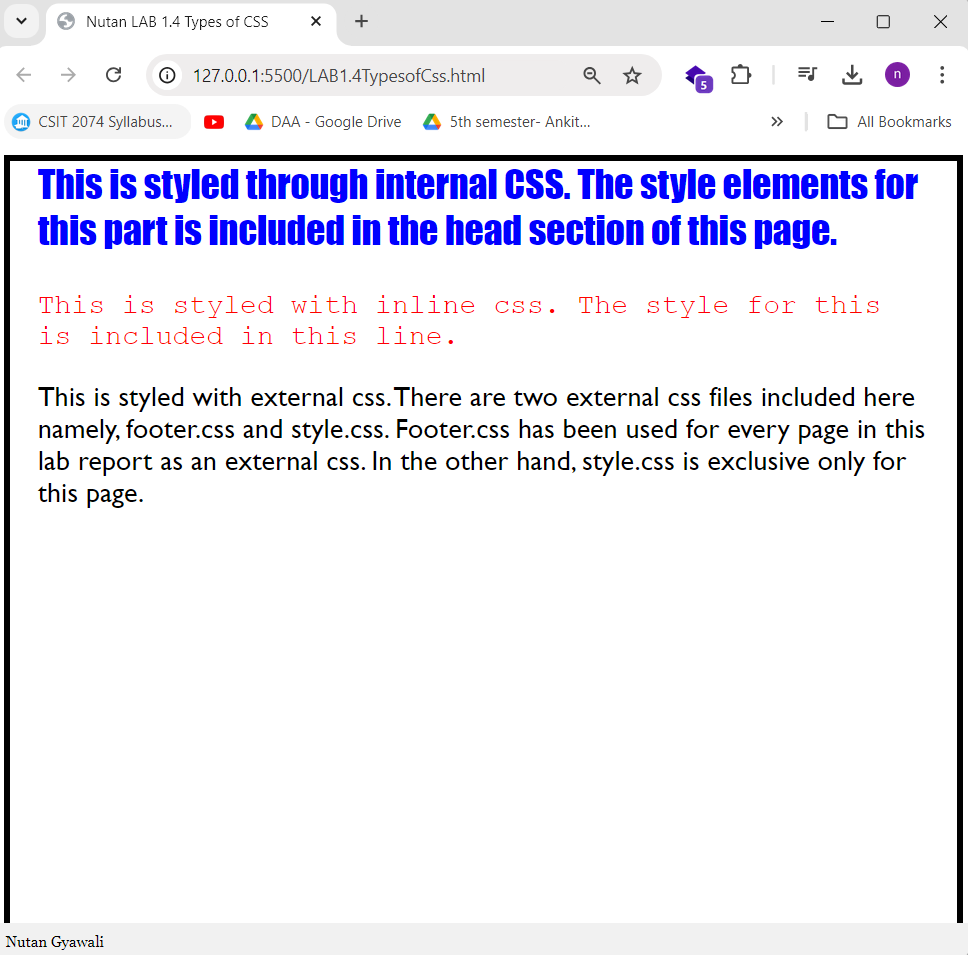
    font-family: Georgia, 'Times New Roman', Times, serif;

    margin-top: 100px;

    color: black;

}

OUTPUT:



SOURCE CODE:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Document</title>

    <style>

        body {

            height: 100%;

            margin: 0;

            display: flex;

            justify-content: center;

            align-items: center;

        }

        img {

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100%;

            max-width: 100%;

            height: auto;

        }

    </style>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <img src="img.jpg">

    <footer>

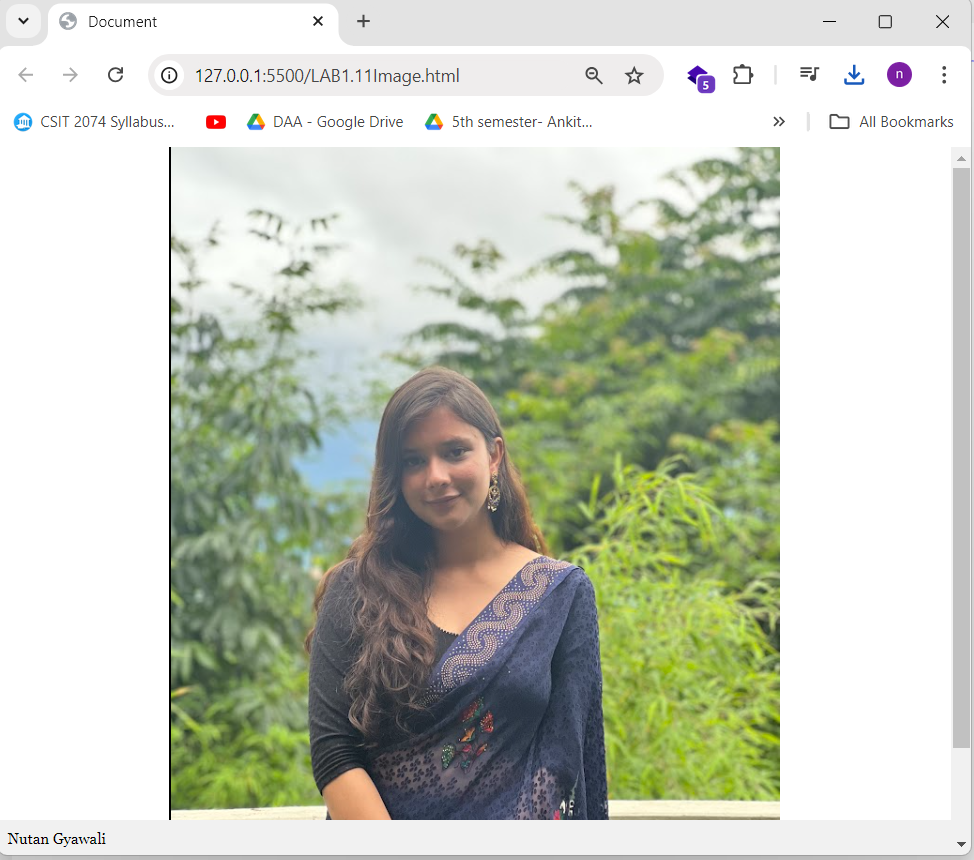
        Nutan Gyawali

    </footer>

</body>

</html>

OUTPUT:



SOURCE CODE:

<html>

<head>

    <title>

        Nutan LAB 2.1 ALERT

    </title>

    <style>

        body {

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

            margin: 0;

        }

        #button {

            display: flex;

            justify-content: center;

            align-items: center;

            background-color: aqua;

        }

        button {

            padding: 10px 20px;

            font-size: 16px;

            background-color: aqua;

            font-family: Verdana, Geneva, Tahoma, sans-serif;

        }

    </style>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <div id="button">

        <button type="submit" name="submit" id="submit"> Click to Alert!!! </button>

    </div>

    <script>

        document.getElementById("submit").onclick = function () {

            alert("Nutan Alerts!!! ")

        }

    </script>

    <footer>

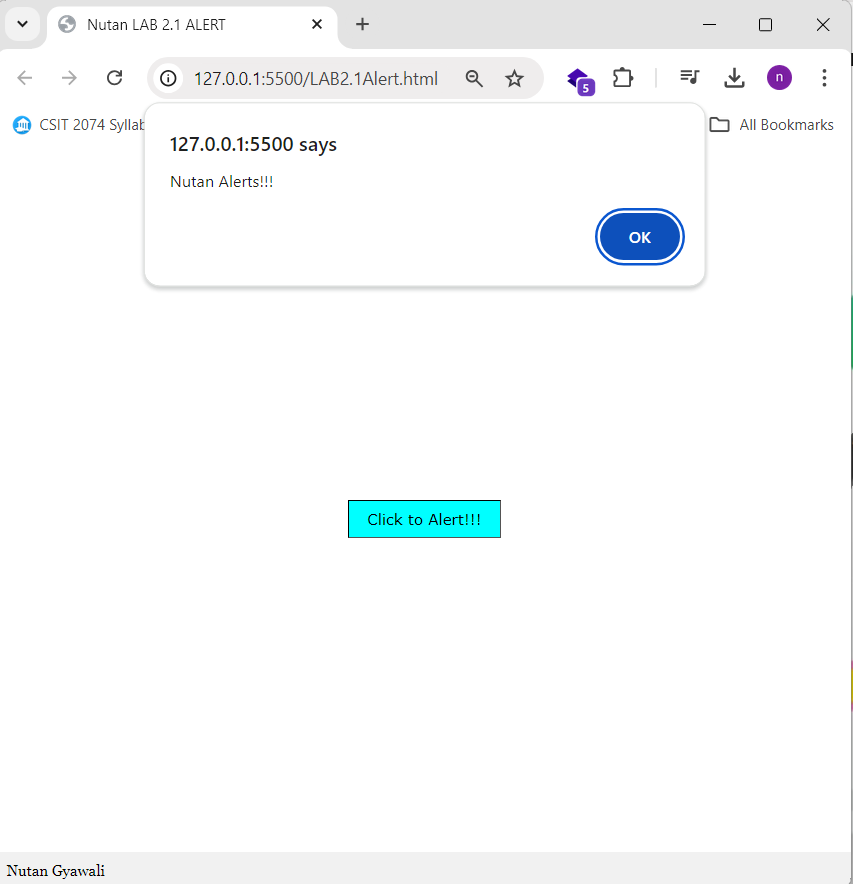
        Nutan Gyawali

    </footer>

</body>

</html>

OUTPUT:



SOURCE CODE:

<html>

<head>

    <title> NUTAN LAB 2.2 SUM OF TWO NUMBERS</title>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <footer>

        Nutan Gyawali

    </footer>

</body>

<script>

    let num1 = Number(prompt("Enter Number 1:"));

    let num2 = Number(prompt("Enter Number 2:"));

    let sum = num1 + num2;

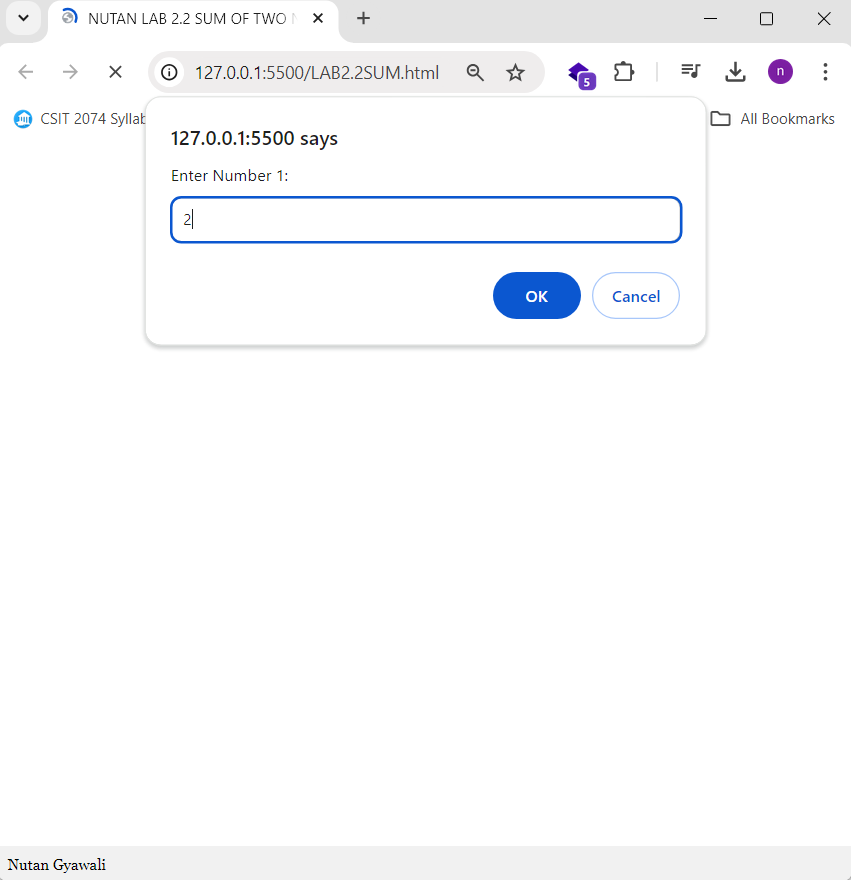
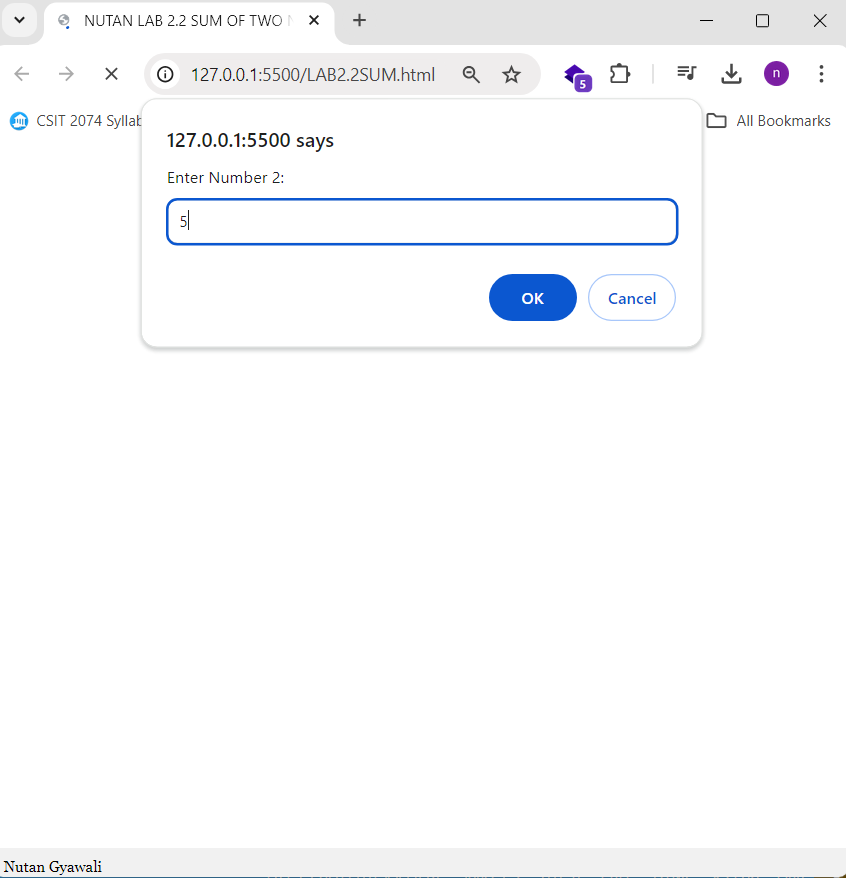
    document.write("The sum of " + num1 + " and " + num2 + " is " + sum);

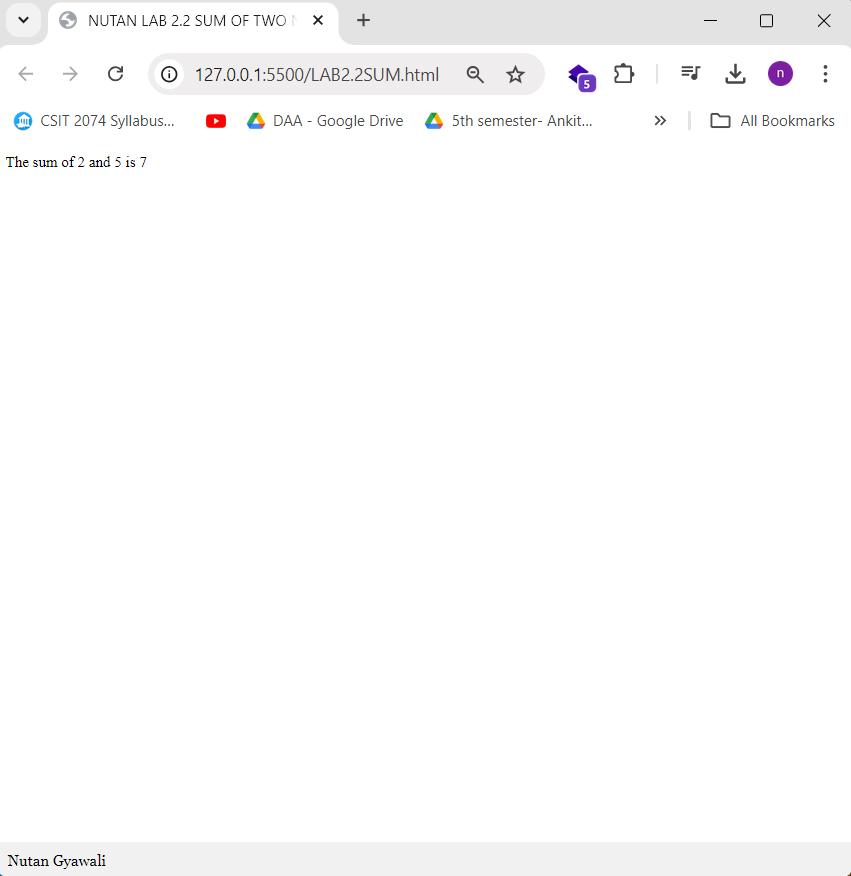
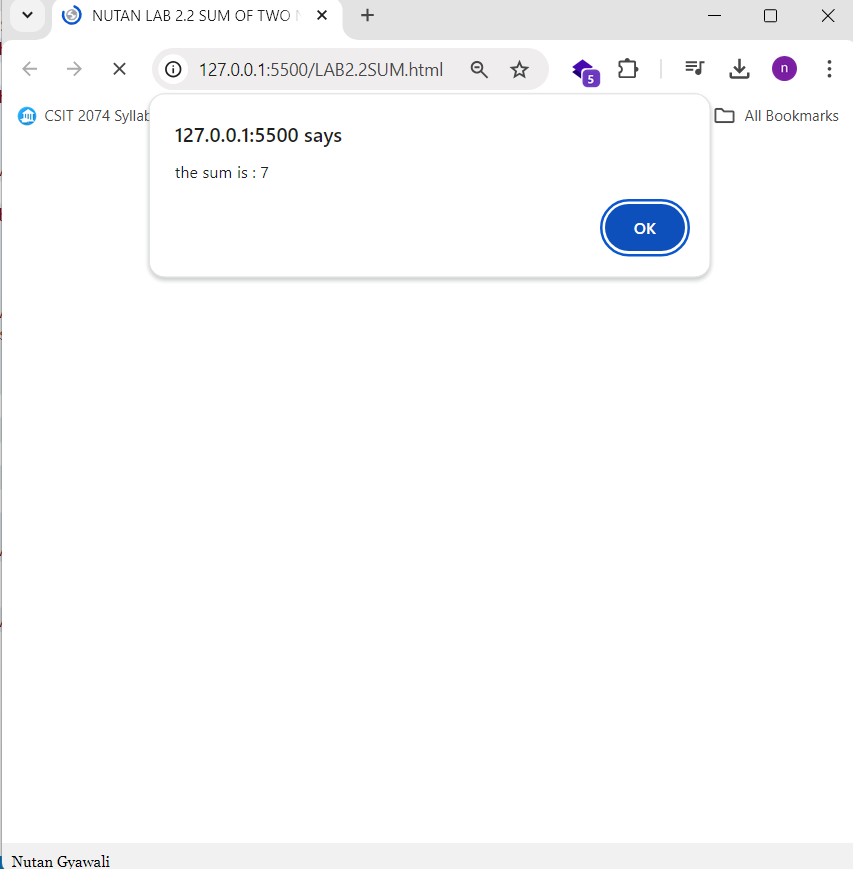
    alert("the sum is : " + sum);

</script>

</html>

OUTPUT:



SOURCE CODE:

<html>

<head>

    <title>

        NUTAN LAB 2.3 CURRENT DATE TIME

    </title>

    <link rel="stylesheet" href="footer.css">

    <style>

        body {

            font-size: 30px;

        }

    </style>

</head>

<body>

    <div id="date">

    </div>

    <footer>

        Nutan Gyawali

    </footer>

</body>

<script>

    let date = new Date();

    let date1 = date.toDateString();

    let time = date.toLocaleTimeString();

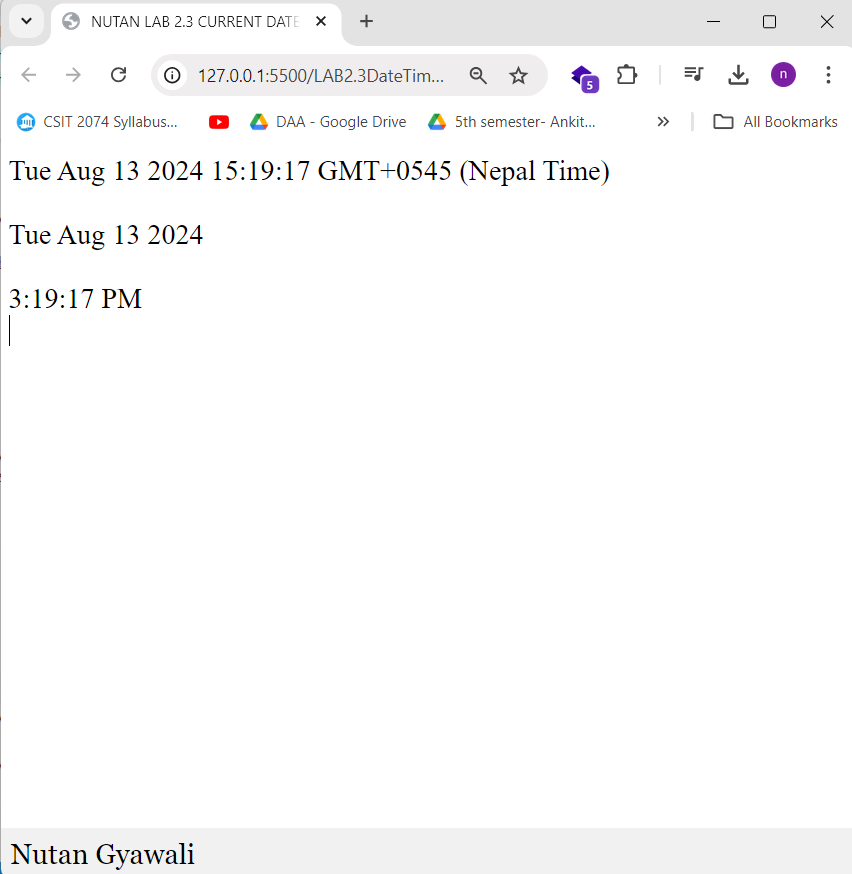
    document.write(date, "<br><br>");

    document.write(date1, "<br><br>");

    document.write(time, "<br><br>");

</script>

</html>

OUTPUT: 

SOURCE CODE:

<html>

<head>

    <title>

        NUTAN LAB 2.4 ADD EVEN UPTO 25

    </title>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <h1> SUM OF ALL EVEN NUMBERS UPTO 25 IS: </h1>

    <div id="numbers">

    </div>

    <div id="sum">

    </div>

    <script>

        let sum = 0;

        let result = "";

        let i = 0;

        for (i = 0; i <= 25; i++) {

            if (i % 2 == 0) {

                result += "<br> The numbers are " + i + "<br>";

                sum = sum + i;

            }

        }

        document.getElementById("numbers").innerHTML = result;

        document.getElementById("sum").innerHTML = "<br> The sum is :<br>" + sum;

        console.log(sum);

    </script>

    <footer>

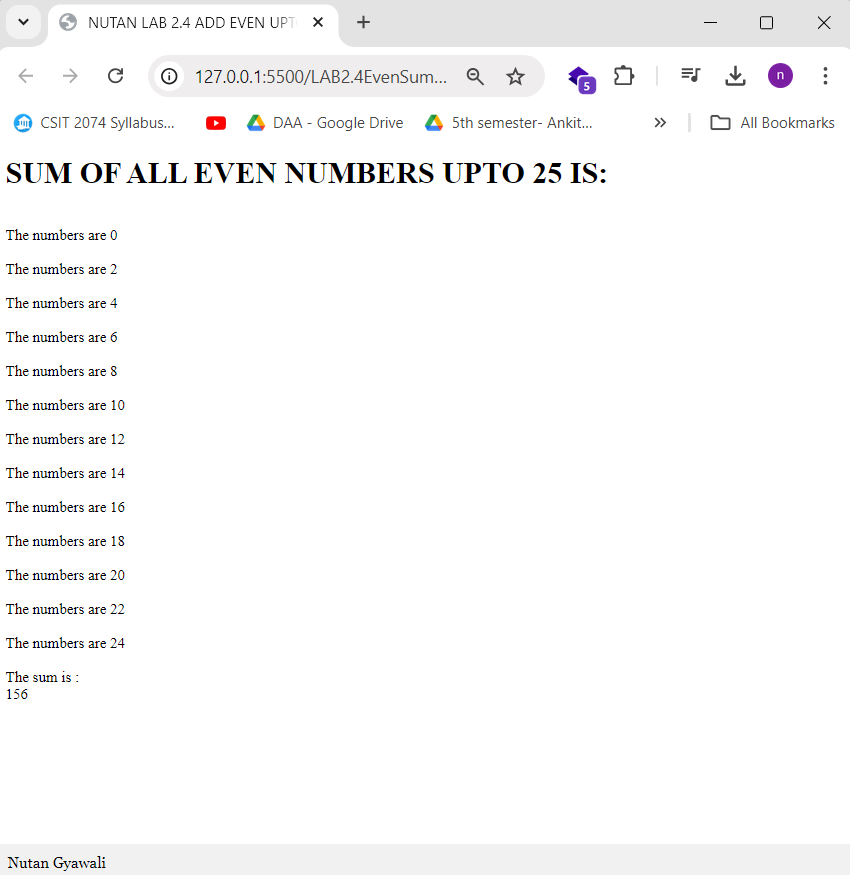
        Nutan Gyawali

    </footer>

</body>

</html>

OUTPUT:



SOURCE CODE:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title> NUTAN LAB 2.5 Form Validation</title>

    <link rel="stylesheet" href="register.css">

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <div class="container">

        <h1>Registration Form</h1>

        <form action="/submit" method="post">

            <div class="form-group">

                <label for="firstName">First Name</label>

                <input type="text" id="firstName" name="firstName" required>

            </div>

            <div class="form-group">

                <label for="lastName">Last Name</label>

                <input type="text" id="lastName" name="lastName" required>

            </div>

            <div class="form-group">

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

                <input type="email" id="email" name="email" required>

            </div>

            <div class="form-group">

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

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

            </div>

            <div class="form-group">

                <label for="confirmPassword">Confirm Password</label>

                <input type="password" id="confirmPassword" name="confirmPassword" required>

            </div>

            <div class="form-group">

                <label for="phone">Phone Number</label>

                <input type="tel" id="phone" name="phone" required>

            </div>

            <div class="form-group">

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

                <textarea id="address" name="address" required></textarea>

            </div>

            <div class="form-group">

                <label for="gender">Gender</label>

                <select id="gender" name="gender" required>

                    <option value="male">Male</option>

                    <option value="female">Female</option>

                    <option value="other">Other</option>

                </select>

            </div>

            <div class="form-group">

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

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

            </div>

            <div class="form-group">

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

            </div>

        </form>

    </div>

    <div id="result">

    </div>

</body>

<script>

    document.addEventListener('DOMContentLoaded', function () {

        const form = document.querySelector('form');

        form.addEventListener('submit', function (event) {

            // Prevent form submission

            event.preventDefault();

            // Get form values

            const firstName = document.getElementById('firstName').value.trim();

            const lastName = document.getElementById('lastName').value.trim();

            const email = document.getElementById('email').value.trim();

            const password = document.getElementById('password').value;

            const confirmPassword = document.getElementById('confirmPassword').value;

            const phone = document.getElementById('phone').value.trim();

            const address = document.getElementById('address').value.trim();

            const gender = document.getElementById('gender').value;

            const dob = document.getElementById('dob').value;

            let isValid = true;

            let errorMessage = '';

            // Check if all fields are filled

            if (!firstName || !lastName || !email || !password || !confirmPassword || !phone || !address || !gender || !dob) {

                isValid = false;

                errorMessage += 'All fields are required.\n';

            }

            // Check if passwords match

            if (password !== confirmPassword) {

                isValid = false;

                errorMessage += 'Passwords do not match.\n';

            }

            // Check email format

            const emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

            if (!emailPattern.test(email)) {

                isValid = false;

                errorMessage += 'Invalid email format.\n';

            }

            // Check phone number format (simple validation)

            const phonePattern = /^[0-9]{10}$/;

            if (!phonePattern.test(phone)) {

                isValid = false;

                errorMessage += 'Phone number should be 10 digits.\n';

            }

            // Display error message or submit form

            if (!isValid) {

                alert(errorMessage);

            } else {

                document.getElementById("result").innerText = (" SUBMITTED 👍👍👍 "); // Submit the form if all validations pass

            }

        });

    });

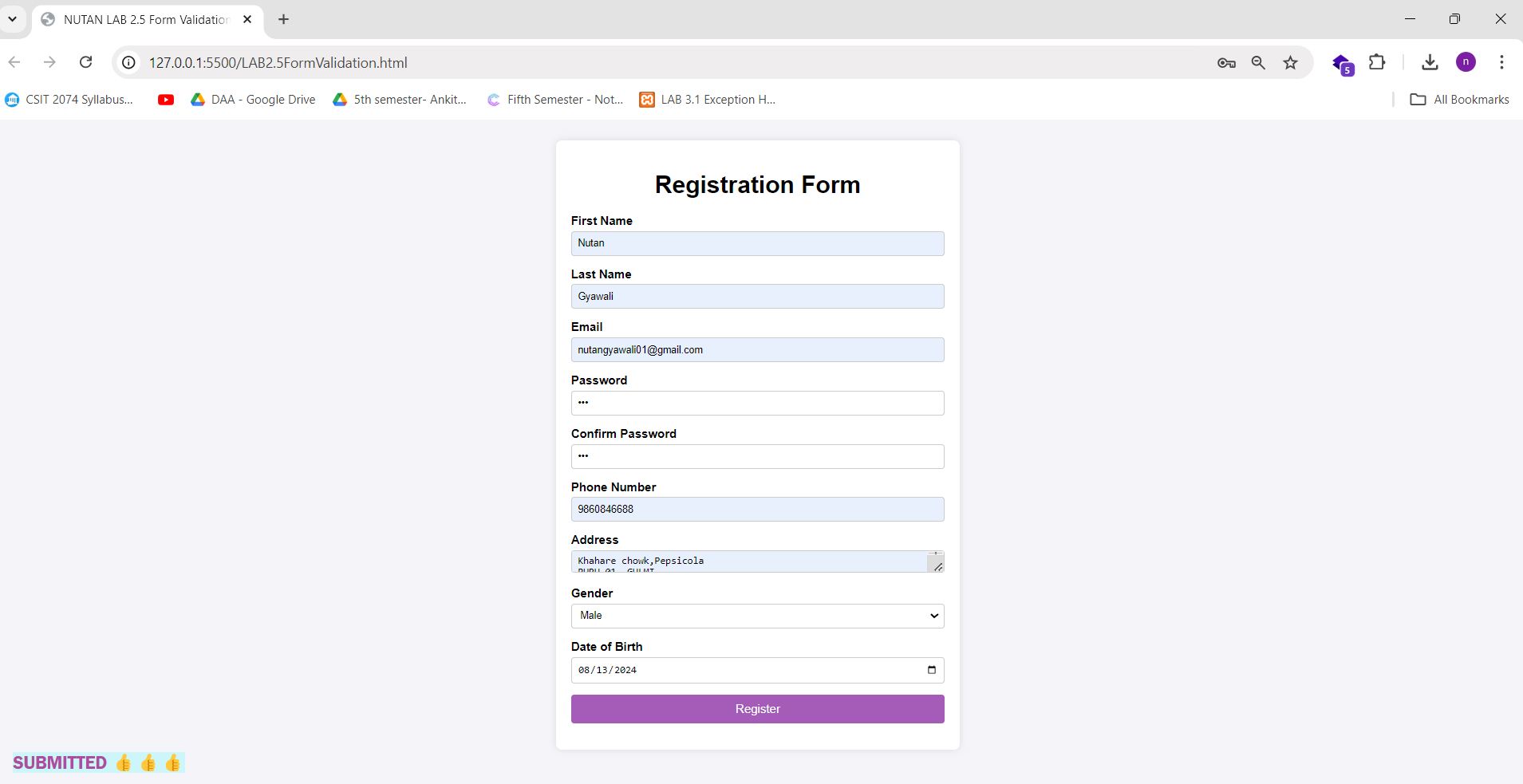
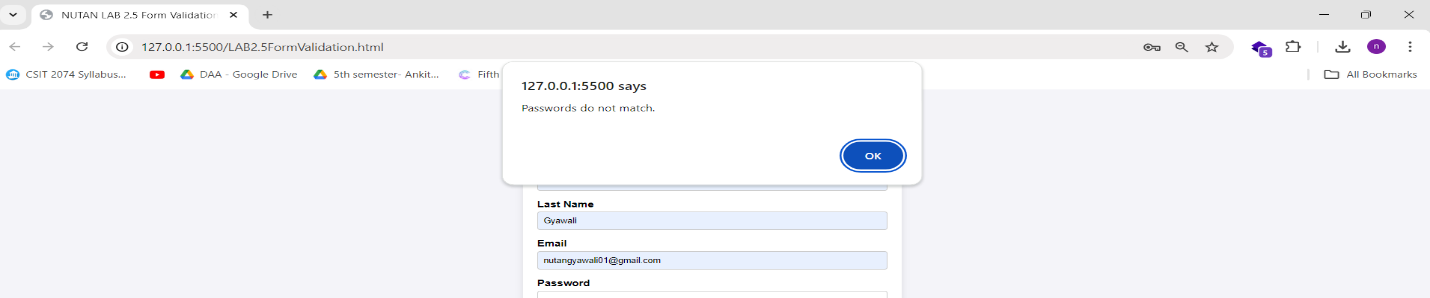
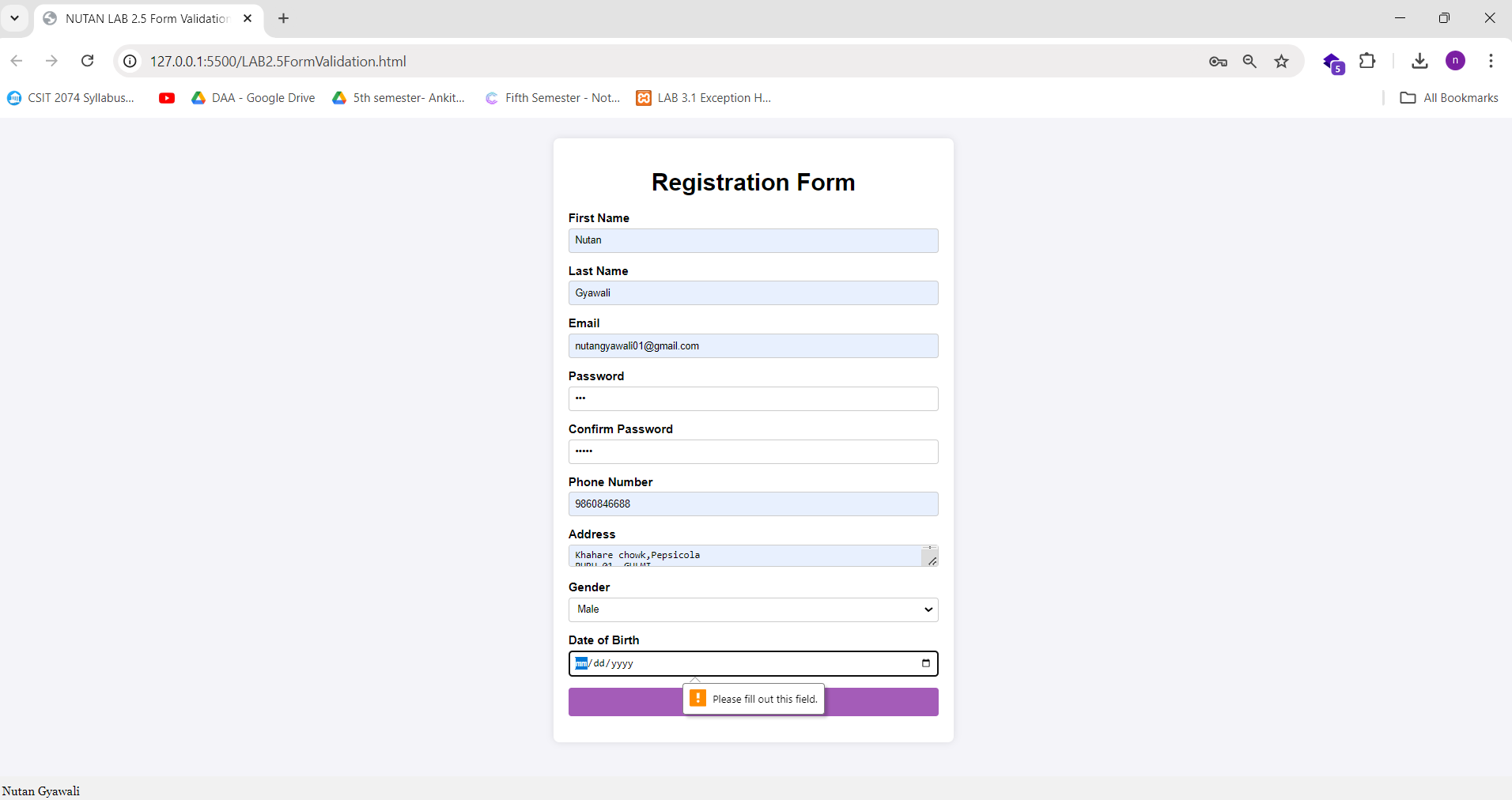
</script>

<footer>

    Nutan Gyawali

</footer>

</html>

OUTPUT: 

SOURCE CODE:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>NUTAN LAB 2.6 Array and Foreach Loop</title>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <footer>

        Nutan Gyawali

    </footer>

</body>

<script>

    let cars = ["Mercedes", "BMW", "Chevrolet", "Ford", "Rolls Royce"];

    let NewCar = [];

    cars.forEach(append);

    function append(item) {

        NewCar.push(item + " is a good car ");

    }

    document.write("The original array is <br>" + cars + "<br>");

    document.write("<br>The new array is <br>" + NewCar + "<br>");

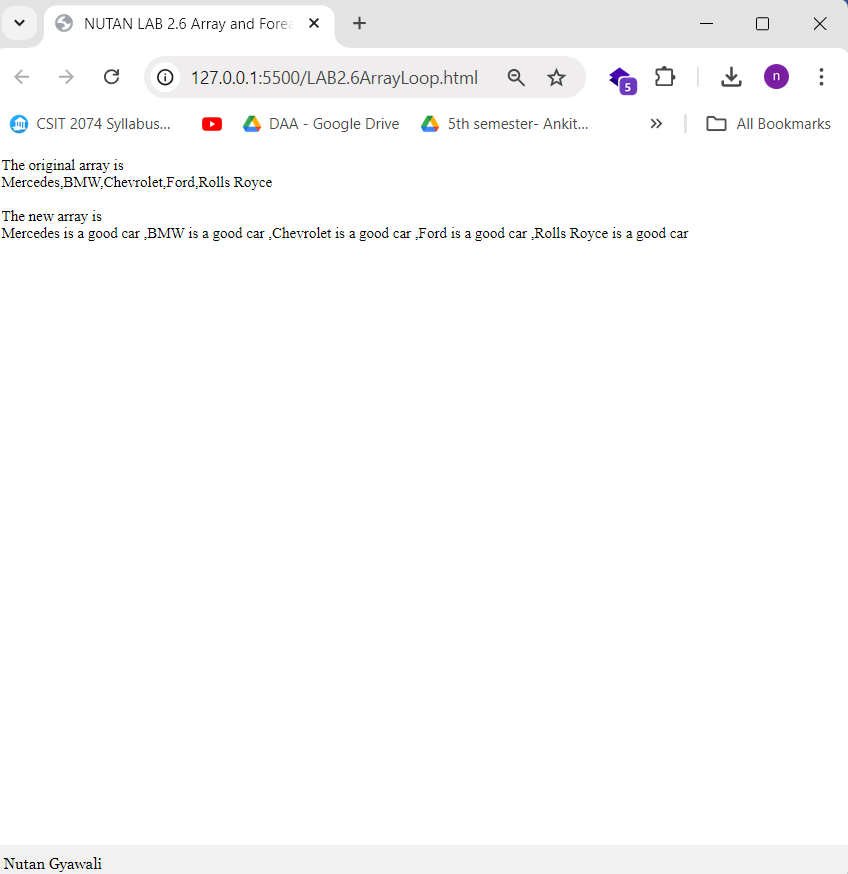
    console.log(cars);

    console.log(NewCar);

</script>

</html>

OUTPUT:



SOURCE CODE:

<html>

<head>

    <title>

        NUTAN LAB 2.7 Validate Email Address

    </title>

    <link rel="stylesheet" href="footer.css">

    <style>

        body {

            font-family: Impact, Haettenschweiler, 'Arial Narrow Bold', sans-serif;

            background-color: #f4f4f4;

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

            margin: 0;

        }

        #emails {

            display: flex;

            flex-direction: column;

            align-items: center;

            padding: 20px;

            background: white;

            border-radius: 10px;

            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

            margin-right: 10px;

            margin-left: 10px;

        }

        #results {

            margin-top: 20px;

            font-size: 18px;

            display: block;

        }

        button {

            margin-top: 10px;

        }

    </style>

</head>

<body>

    ENTER YOUR EMAIL:

    <div id="emails">

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

        <button type="submit" id="submit" onclick="validateEmail()">SUBMIT</button>

    </div>

    <div id="results">

    </div>

    <footer>

        Nutan Gyawali

    </footer>

</body>

<script>

    function validateEmail() {

        let email = document.getElementById("email").value;

        const emailPattern = /^[a-zA-Z0-9.\_%+-]+@(gmail\.com|hotmail\.com)$/;

        var isValid = emailPattern.test(email);

        if (isValid) {

            document.getElementById("results").innerHTML = "GOOD JOB 😊"

        }

        else {

            document.getElementById("results").innerHTML = "Enter a Valid Email 😡"

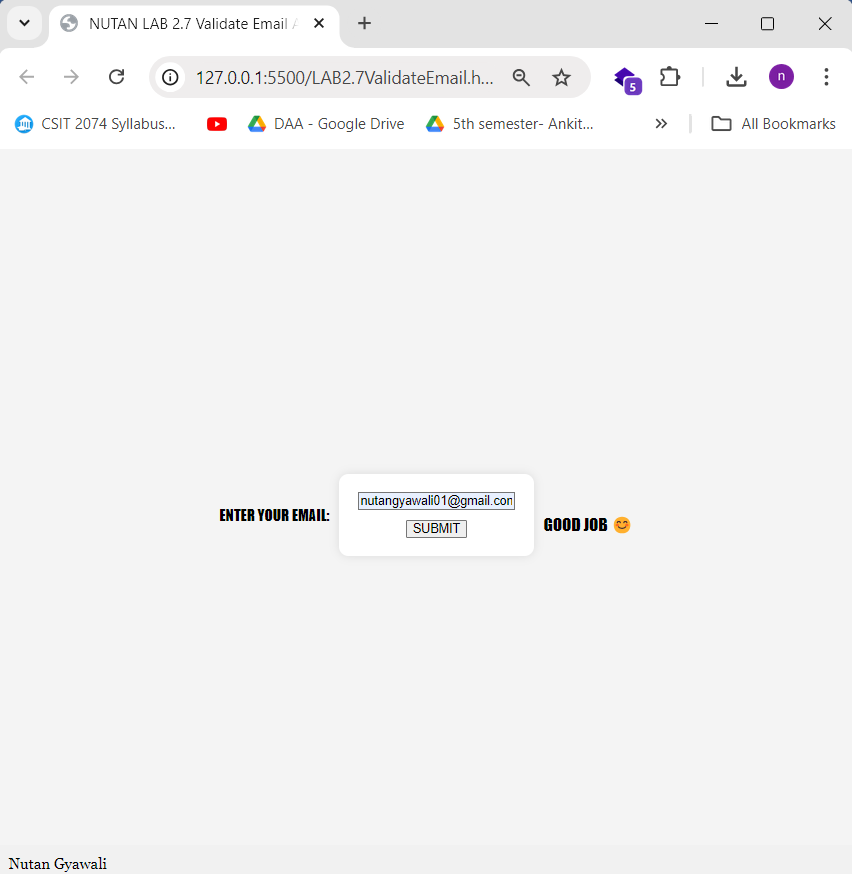
        }

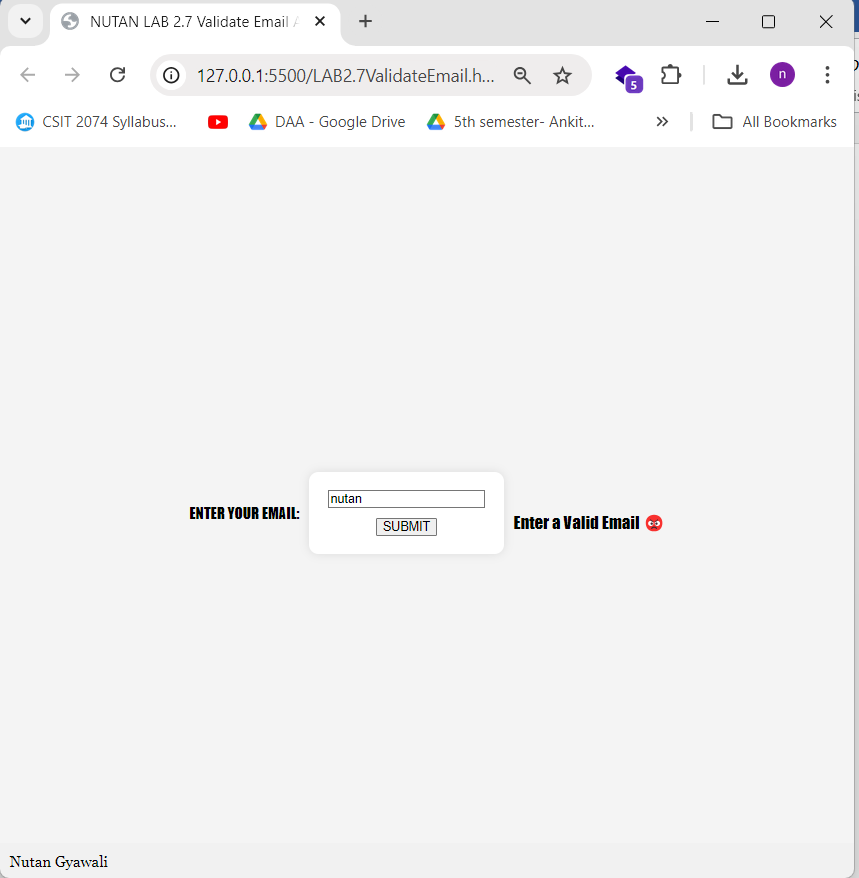
    }

</script>

</html>

OUTPUT:





SOURCE CODE:

<html>

<head>

    <title>

        NUTAN LAB2.9 Select

    </title>

    <style>

        body {

            font-family: Arial, sans-serif;

            margin: 20px;

        }

        h1 {

            color: #333;

        }

        select {

            padding: 8px;

            margin-bottom: 20px;

            border: 1px solid #ccc;

            border-radius: 4px;

        }

        #result {

            font-size: 16px;

            font-weight: bold;

        }

    </style>

    <link rel="stylesheet" href="footer.css">

    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

</head>

<body>

        <h1>Dropdown Example</h1>

        <label for="cars">Choose a car:</label>

        <select id="cars">

            <option value="bmw">BMW</option>

            <option value="chevrolet">Chevrolet</option>

            <option value="rolls">Rolls Royce</option>

            <option value="ford">Ford</option>

        </select>

        <p id="result">Selected Value: , Selected Text: </p>

        <script>

            $(document).ready(function () {

                $('#cars').change(function () {

                    var selectedValue = $(this).val();

                    var selectedText = $('#cars option:selected').text();

                    $('#result').text('Selected Value: ' + selectedValue + ', Selected Text: ' + selectedText);

                });

            });

        </script>

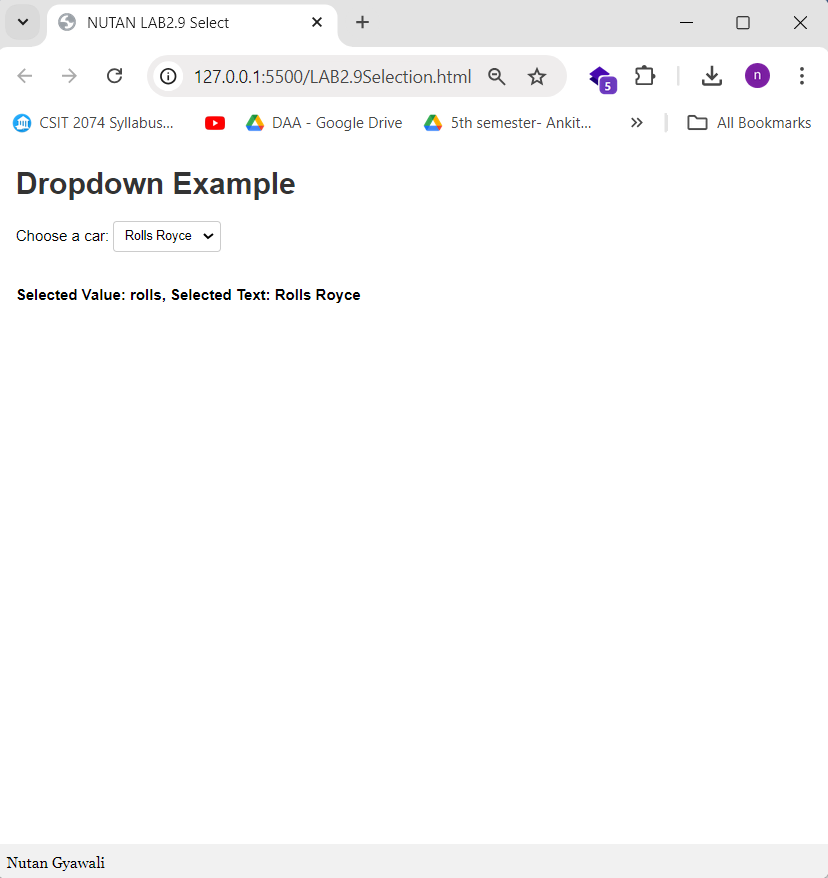
        <footer>

            Nutan Gyawali

        </footer>

    </body>

</html>

OUTPUT: 

SOURCE CODE:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>NUTAN LAB2.11 Image Slider</title>

    <link rel="stylesheet" href="styles.css">

    <link rel="stylesheet" href="footer.css">

    <style>

        body {

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

            margin: 0;

            background-color: #f0f0f0;

        }

        .slider {

            position: relative;

            max-width: 600px;

        }

        .slider img {

            width: 100%;

            height: auto;

            display: block;

        }

        button {

            position: absolute;

            top: 50%;

            transform: translateY(-50%);

            background-color: rgba(0, 0, 0, 0.5);

            border: none;

            color: white;

            font-size: 18px;

            padding: 10px;

            cursor: pointer;

        }

        button.prev {

            left: 0;

        }

        button.next {

            right: 0;

        }

        button:hover {

            background-color: rgba(0, 0, 0, 0.8);

        }

    </style>

</head>

<body>

    <div class="slider">

        <button class="prev" onclick="prevImage()">&#10094;</button>

        <img id="slider-image" src="image1.jpg" alt="Slider Image">

        <button class="next" onclick="nextImage()">&#10095;</button>

    </div>

    <script>

        let currentIndex = 0;

        const images = ["image1.jpg", "image2.jpg", "image3.jpg", "image3.jpg"]; // Replace these with your actual image file names

        const sliderImage = document.getElementById("slider-image");

        function showImage(index) {

            sliderImage.src = images[index];

        }

        function prevImage() {

            currentIndex = (currentIndex > 0) ? currentIndex - 1 : images.length - 1;

            showImage(currentIndex);

        }

        function nextImage() {

            currentIndex = (currentIndex < images.length - 1) ? currentIndex + 1 : 0;

            showImage(currentIndex);

        }

    </script>

    <footer>

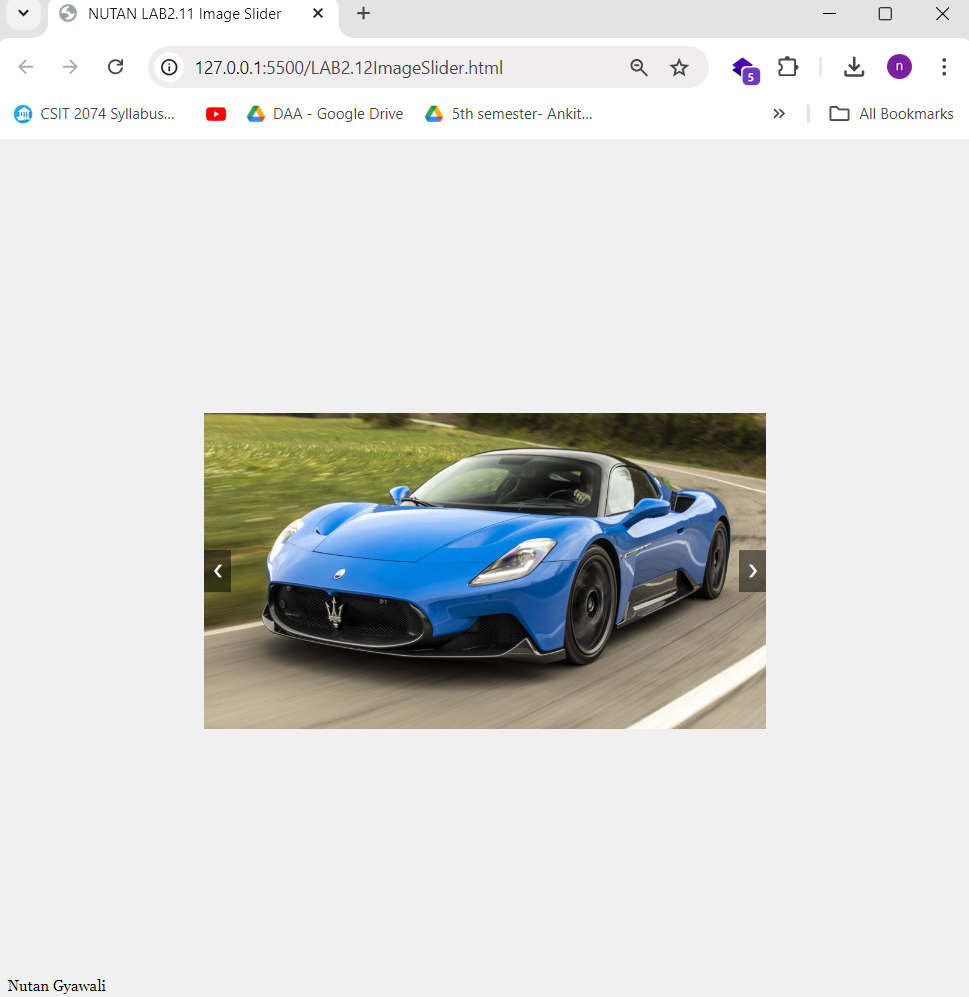
        Nutan Gyawali

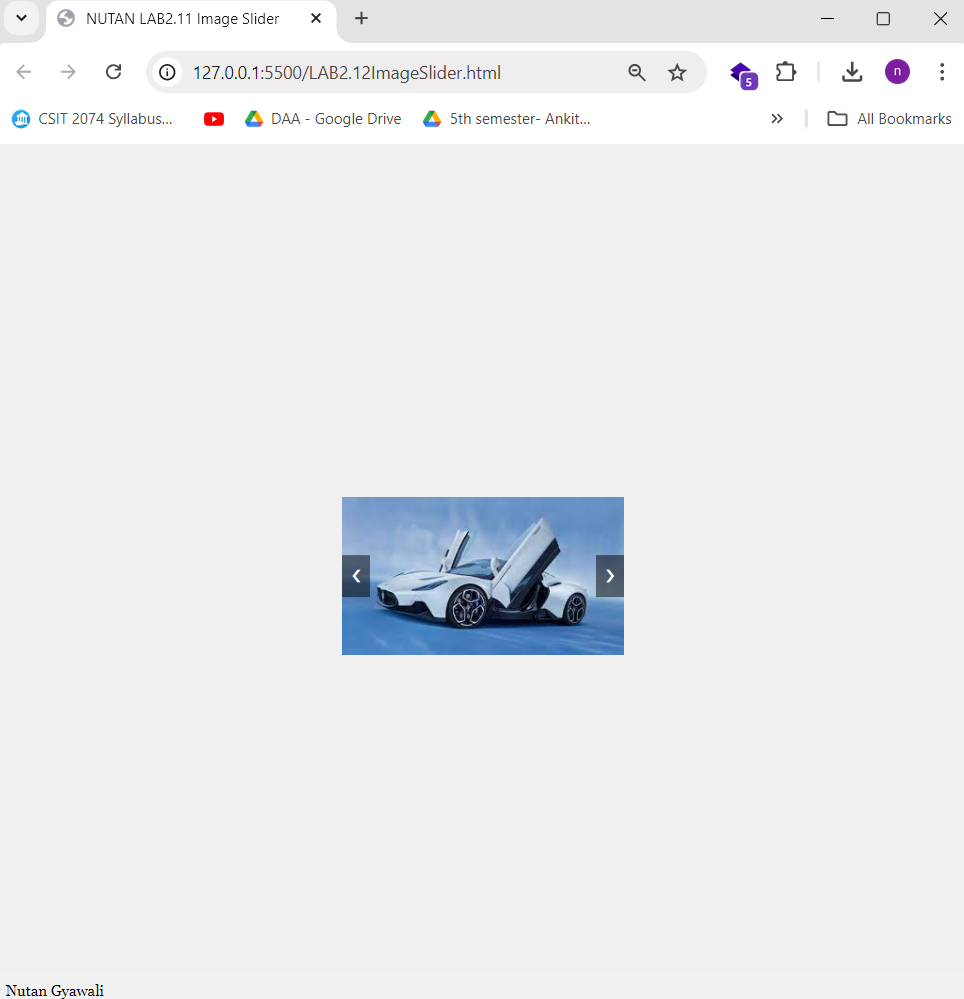
    </footer>

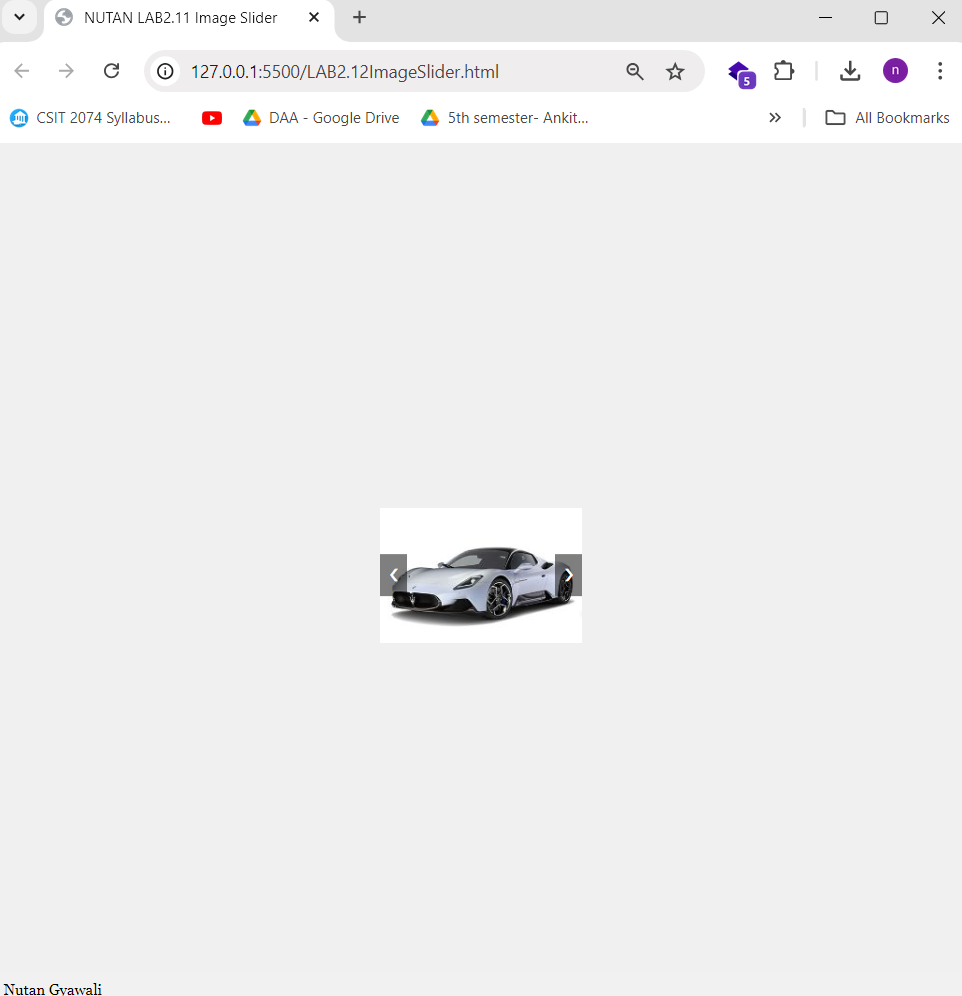
</body>

</html>

OUTPUT:







SOURCE CODE:

<!DOCTYPE html>

<html lang="en">

<head>

    <title>NUTAN LAB2.13 ANIMATION</title>

    <link rel="stylesheet" href="footer.css">

    <style>

        body {

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

            flex-direction: column;

            margin: 0;

            background-color: #f0f0f0;

        }

        button {

            margin-bottom: 20px;

            padding: 10px 20px;

            font-size: 16px;

            cursor: pointer;

        }

        #animate-box {

            width: 100px;

            height: 100px;

            background-color: #e8fb18;

            opacity: 1;

            transition: all 1s ease;

        }

    </style>

</head>

<body>

    <button onclick="animateDiv()">START ANIMATION</button>

    <div id="animate-box">

    </div>

    <footer>

        Nutan Gyawali

    </footer>

</body>

<script>

    function animateDiv() {

        const box = document.getElementById('animate-box');

        box.style.width = '200px';

        setTimeout(() => {

            box.style.height = '200px';

            setTimeout(() => {

                box.style.opacity = '0.5';

            }, 1000);

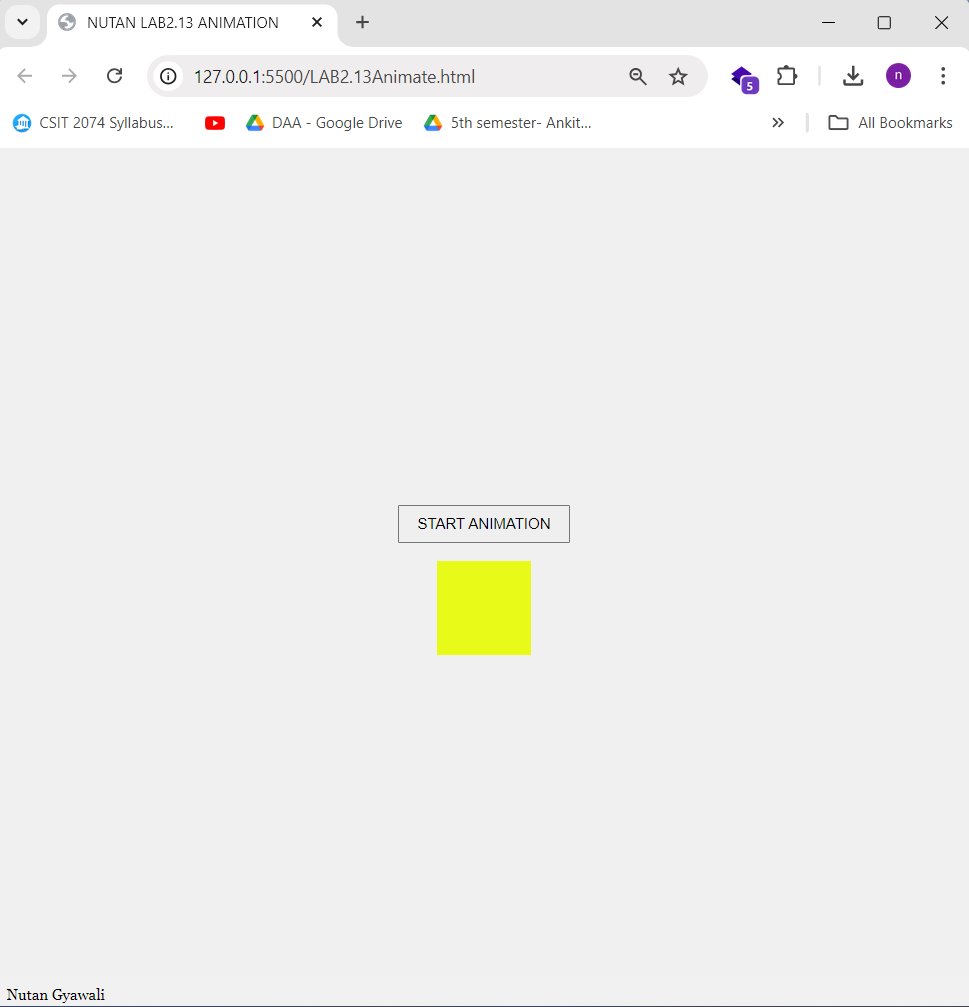
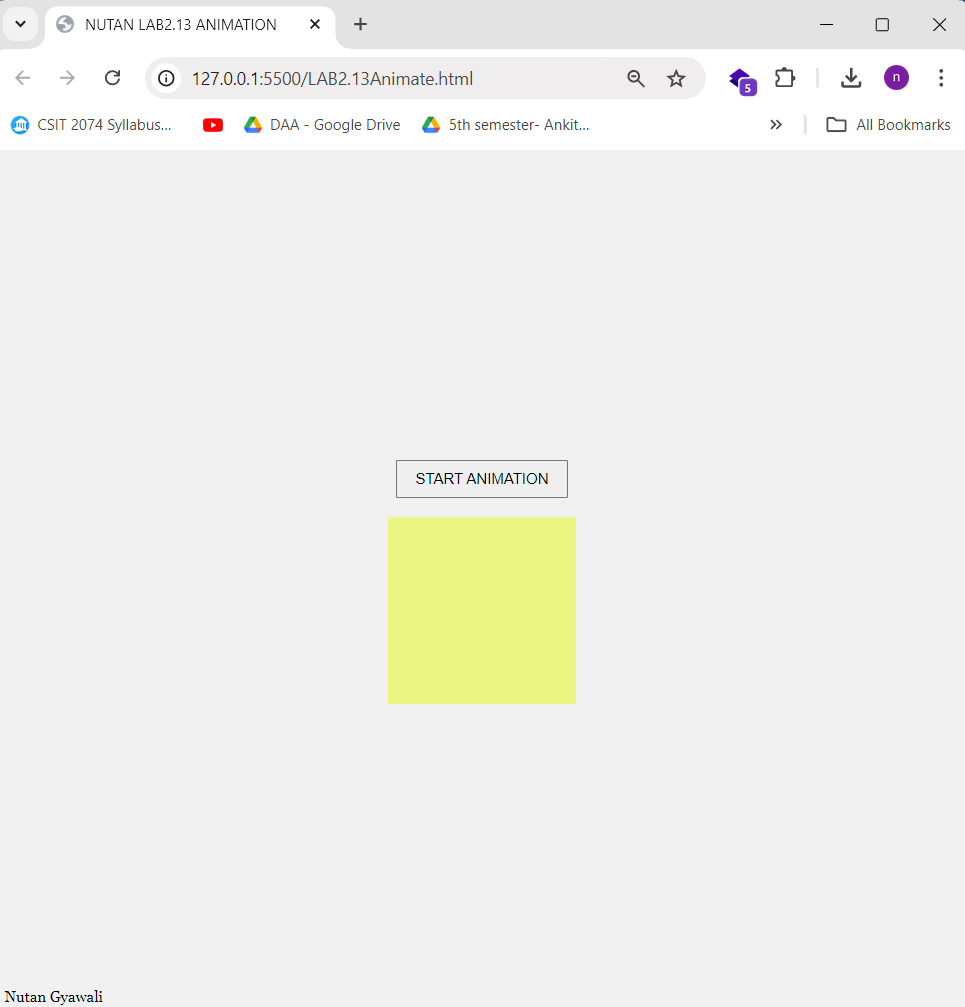
        }, 1000);

    }

</script>

</html>

OUTPUT:

SOURCE CODE:

<!DOCTYPE html>

 <html>

 <head>

     <title>LAB 3.1 Exception Handling</title>

     <link rel="stylesheet" href="footer.css">

     <style>

         body {

             font-family: Arial, sans-serif;

             margin: 10;

             display: flex;

             justify-content: left;

             align-items: left;

             height: 320px;

             background-color: #f4f4f4;

         }

         form {

             background: #fff;

             padding: 20px;

             border-radius: 8px;

             box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

             width: 300px;

             text-align: center;

         }

         label {

             display: block;

             margin-bottom: 10px;

             font-weight: bold;

         }

         input[type="number"] {

             width: 80%;

             padding: 10px;

             margin-bottom: 20px;

             border: 1px solid #ccc;

             border-radius: 4px;

             margin-right: 10px;

         }

         button {

             padding: 10px 20px;

             background-color: black;

             border: none;

             border-radius: 4px;

             color: white;

             font-size: 16px;

             cursor: pointer;

         }

         button:hover {

             background-color: brown;

         }

         .result,

         .error {

             margin-top: 20px;

             font-size: 18px;

         }

         .error {

             color: #d9534f;

         }

     </style>

 </head>

 <body>

     <form method="post">

         <label for="number1">ENTER YOUR FIRST NUMBER</label>

         <input type="number" id="number1" name="number1" placeholder="Number1" required>

         <br><br>

         <label for="number2">ENTER YOUR SECOND NUMBER</label>

         <input type="number" id="number2" name="number2" placeholder="Number2">

         <button type="submit" id="submit" name="submit">SUBMIT</button>

         <?php

            if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

                $number1 = $\_POST['number1'];

                $number2 = $\_POST['number2'];

                try {

                    if ($number2 == 0) {

                        throw new Exception("Divide by Zero");

                    }

                    $result = $number1 / $number2;

                    echo "<div class='result'>Result: " . $result . "</div>";

                } catch (Exception $e) {

                    echo "<div class='error'>Error: " . $e->getMessage() . "</div>";

                }

            }

            ?>

     </form>

     <footer>

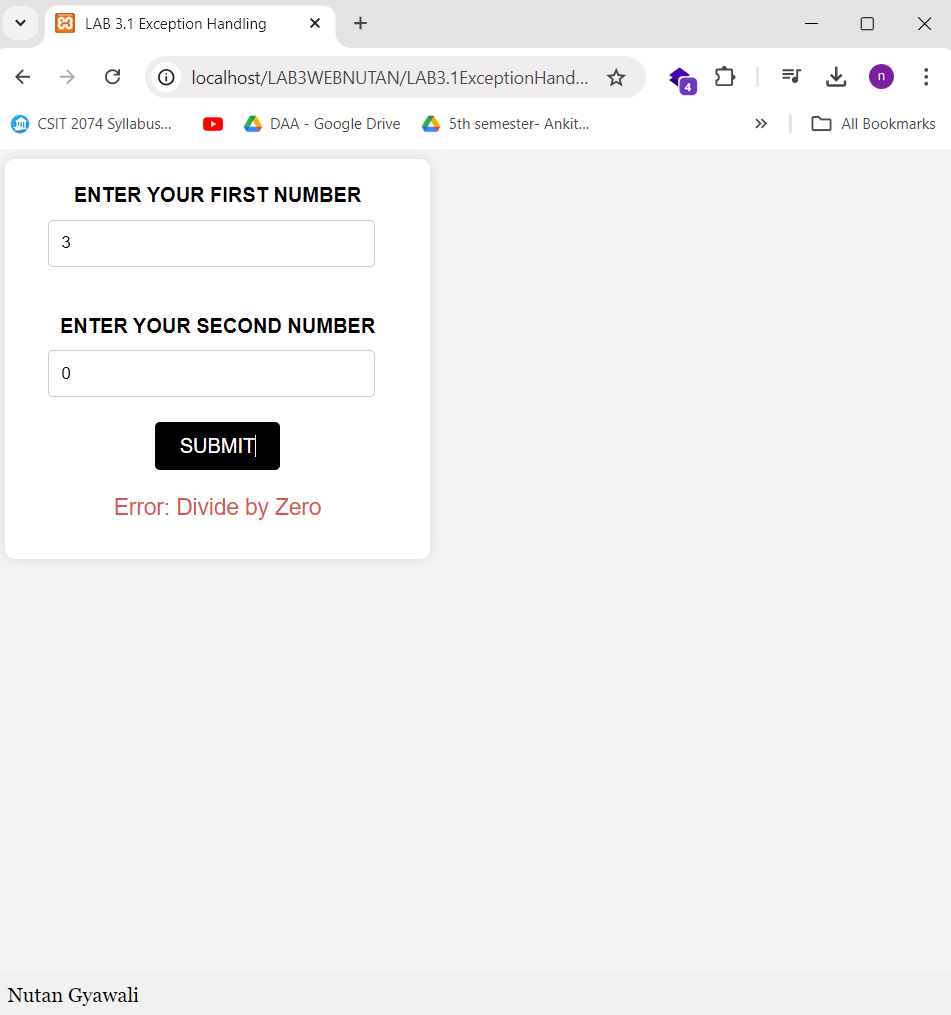
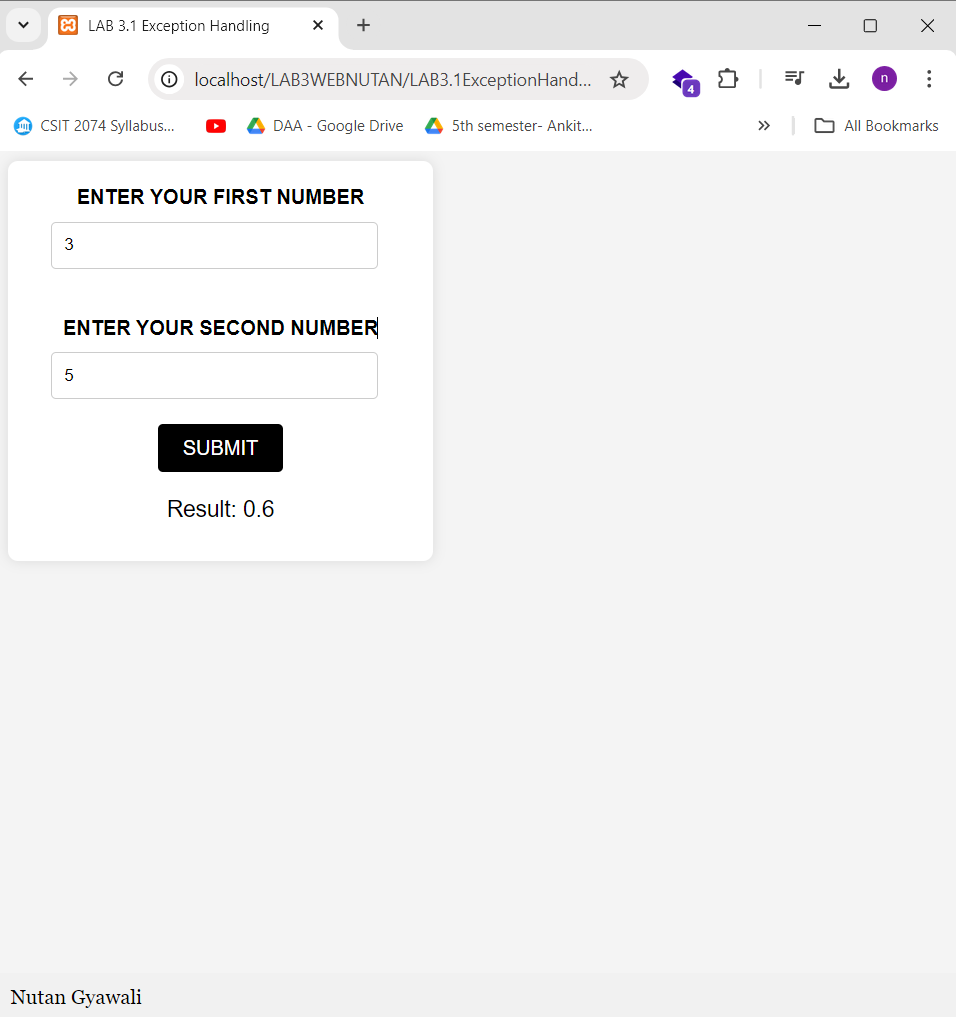
         Nutan Gyawali

     </footer>

 </body>

 </html>

OUTPUT:

SOURCE CODE:

<html>

<head>

    <title>

        NUTAN LAB3.2 OPERATORS

    </title>

    <link rel="stylesheet" href="footer.css">

    <style>

        body {

            font-family: Arial, sans-serif;

            margin: 20px;

        }

        h1 {

            color: #333;

        }

        ol {

            margin-bottom: 20px;

        }

        .result {

            font-weight: bold;

        }

    </style>

</head>

<body>

    <h1> ARITHEMATIC OPERATORS IN PHP ARE: </h1>

    <ol>

        <li>Addition + </li>

        <li>Subtraction - </li>

        <li>Multiplication \* </li>

        <li>Division / </li>

        <li>Modulus % </li>

        <li>Exponentiation \*\* </li>

    </ol>

    <h1> COMPARISON OPERATORS IN PHP ARE: </h1>

    <ol>

        <li>Equal == </li>

        <li>Identical === </li>

        <li>Not equal != </li>

        <li>Not equal <>

        </li>

        <li>Not identical !== </li>

        <li>Greater than ></li>

        <li>Less than < </li>

        <li>Greater than or equal to >=</li>

        <li>Less than or equal to <= </li>

        <li>Spaceship <=>

        </li>

    </ol>

    <h1> LOGICAL OPERATORS IN PHP ARE: </h1>

    <ol>

        <li> And and &&</li>

        <li> Or or || </li>

        <li>Xor xor </li>

        <li> Not ! </li>

    </ol>

</body>

<footer>

    Nutan Gyawali

</footer>

</html>

<?php

$Number1 = 60;

$Number2 = 28387;

echo " <b> For Arithematic Operator</b> <br>";

$Sum = $Number1 + $Number2;

echo " For displaying addition $Number1 + $Number2 is $Sum<br>";

$Difference = $Number2 - $Number1;

echo " For displaying Subtraction $Number2 - $Number1 is $Difference<br>";

$Product = $Number1 \* $Number2;

echo " For displaying Multiplication $Number1 \* $Number2 is $Product<br>";

$Quotient = $Number2 / $Number1;

echo " For displaying Division $Number2 / $Number1 is $Quotient<br>";

$Modulus = $Number2 % $Number1;

echo " For displaying Modulus $Number2 % $Number1 is $Modulus<br>";

$Exponentiation = $Number1 \*\* 2;

echo " For displaying Modulus $Number1 \*\* 2 is $Exponentiation<br>";

echo " <b> For Comparision Operator</b> <br>";

$Name = "Nutan Gyawali";

$Name2 = "Nutan Gyawali";

$LastName = "Gyawali";

$Number3 = 100;

$String = "100";

$isEqual = ($Name == $Name2);

echo "For displaying == operator comapring  Name = Nutan Gyawali and Name2 = Nutan Gyawali";

echo "<br>The result is " . ($isEqual ? 'true' : 'false');

$Identical = ($Number3 === $String);

echo "<br>For displaying === operator comapring  Number3 = 100 and String = \"100\"";

echo "<br>The result is " . ($Identical ? 'true' : 'false');

$NotEqual = ($Name != $LastName);

echo "<br>For displaying != operator comapring  Name = Nutan Gyawali and LastName = Gyawali";

echo "<br>The result is " . ($NotEqual ? 'true' : 'false');

$NotEqual2 = ($Name <> $Name2);

echo "<br>For displaying <> operator comapring  Name = Nutan Gyawali and Name2 = Nutan Gyawali";

echo "<br>The result is " . ($NotEqual2 ? 'true' : 'false');

$NotIdentical = ($Number3  !== $String);

echo "<br>For displaying !== operator comapring  Number3 = 100 and String = \"100 \" ";

echo "<br>The result is " . ($NotIdentical ? 'true' : 'false');

$GreaterThan = ($Number1 > $Number2);

echo "<br>For displaying > operator comapring  Number1 = 60 and Number2 = 28387 ";

echo "<br>The result is " . ($GreaterThan ? 'true' : 'false');

$LessThan = ($Number1 < $Number2);

echo "<br>For displaying < operator comapring  Number1 = 60 and Number2 = 28387 ";

echo "<br>The result is " . ($LessThan ? 'true' : 'false');

$GreaterThanEqualTo  = ($Number1 >= $Number2);

echo "<br>For displaying >= operator comapring  Number1 = 60 and Number2 = 28387 ";

echo "<br>The result is " . ($GreaterThanEqualTo ? 'true' : 'false');

$LessThanEqualTo  = ($Number1 <= $Number2);

echo "<br>For displaying <= operator comapring  Number1 = 60 and Number2 = 28387 ";

echo "<br>The result is " . ($LessThanEqualTo ? 'true' : 'false');

$SpaceShip  = (60 <=> 60);

echo "<br>For displaying <=> operator comapring   60 and  60 ";

echo "<br>The result is " . ($SpaceShip);

echo " <br><b> For Logical Operator</b> <br>";

echo ("For && operator  <br>");

echo (" if (Number1 = 60 and Number2 = 28387)");

if ($Number1 == 60 and $Number2 == 28387) {

    echo "<br> TRUE!!!";

}

echo ("<br> For || operator  <br>");

echo (" if (Number1 = 60 or Number2 = 28387)");

if ($Number1 == 60 || $Number2 == 2838) {

    echo "<br> TRUE!!!";

}

echo ("For xor operator  <br>");

echo (" if (Number1 = 60 xor Number2 = 28387)");

if ($Number1 == 60 xor $Number2 == 28387) {

    echo "<br> TRUE!!!";

} else {

    echo " <br> FALSE!!!";

}

echo ("<br>For not operator  <br>");

$Number5 = 1;

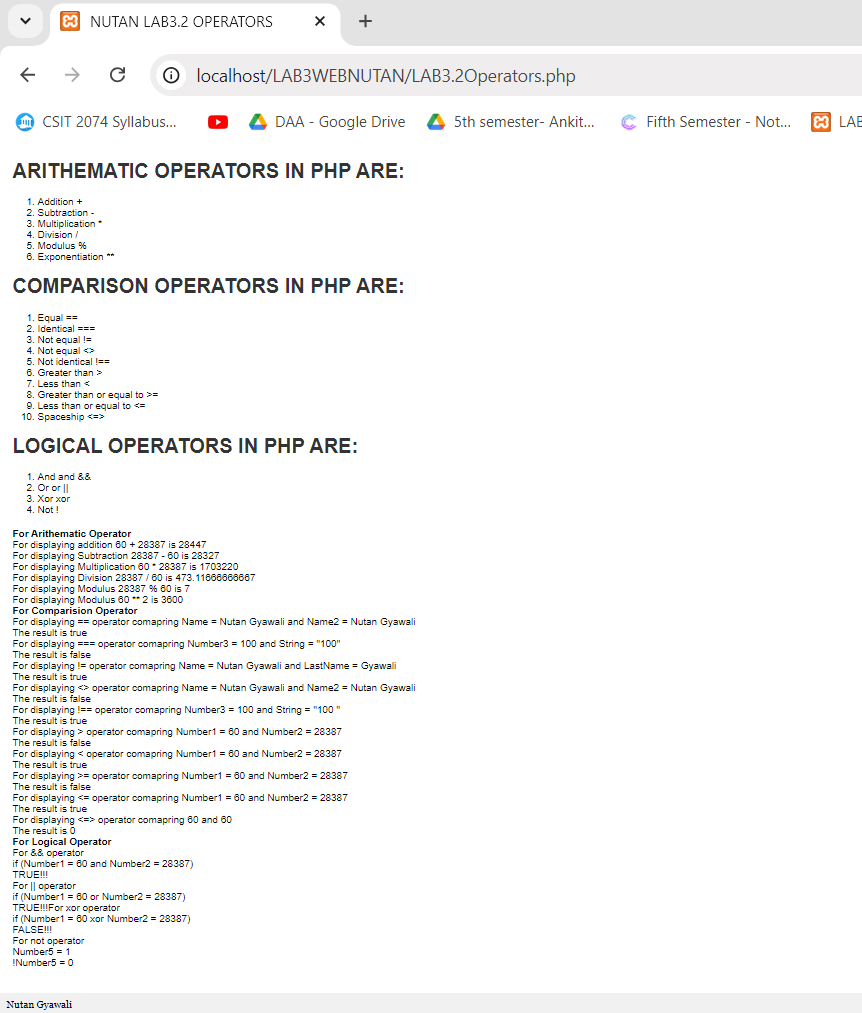
echo (" Number5 = 1");

$Result = (!$Number5);

echo "<br> !Number5 = " . ($Result ? '1' : '0');

?>

OUTPUT:



SOURCE CODE:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>LAB3.3 Form Example</title>

    <style>

        body {

            font-family: Arial, sans-serif;

            margin: 20px;

            background-color: #f9f9f9;

        }

        h1 {

            color: #333;

        }

        form {

            background-color: #fff;

            padding: 20px;

            border: 1px solid #ccc;

            border-radius: 5px;

            max-width: 400px;

            margin: auto;

        }

        label {

            display: block;

            margin-bottom: 8px;

            font-weight: bold;

        }

        input[type="text"],

        select {

            width: 100%;

            padding: 8px;

            margin-bottom: 20px;

            border: 1px solid #ccc;

            border-radius: 4px;

        }

        input[type="checkbox"],

        input[type="radio"] {

            margin-right: 10px;

        }

        input[type="submit"] {

            background-color: #4CAF50;

            color: white;

            padding: 10px 20px;

            border: none;

            border-radius: 4px;

            cursor: pointer;

        }

        input[type="submit"]:hover {

            background-color: #45a049;

        }

    </style>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <h1>Example Form</h1>

    <form action="Form2.php" method="post">

        <label for="name">Name:</label>

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

        <label for="subscribe">Enrolled in any club:</label>

        <input type="checkbox" id="subscribe" name="subscribe" value="yes"><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="cars">Cars Owned:</label>

        <select id="cars" name="cars">

            <option value="bmw">BMW</option>

            <option value="chevrolet">Chevrolet</option>

            <option value="rolls">Rolls Royce</option>

            <option value="ford">Ford</option>

        </select><br><br>

        <input type="submit" value="Submit">

    </form>

</body>

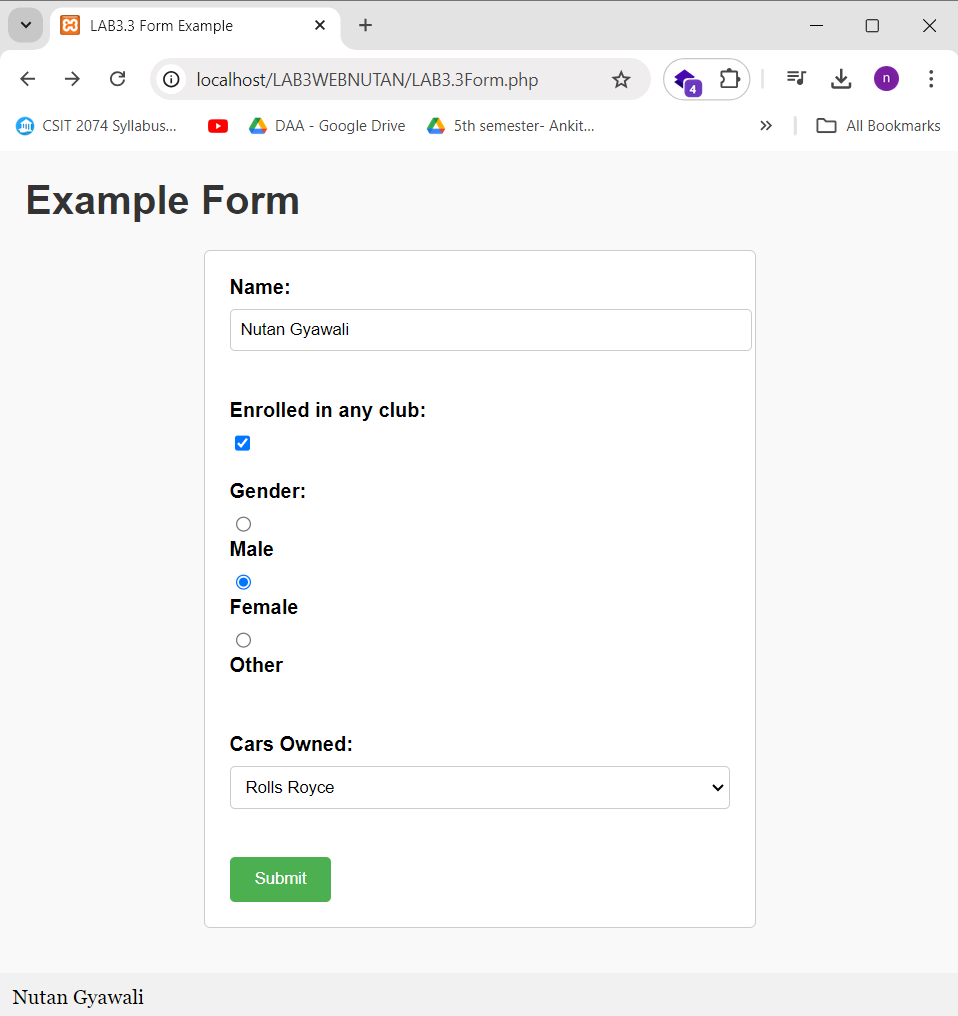
<footer>

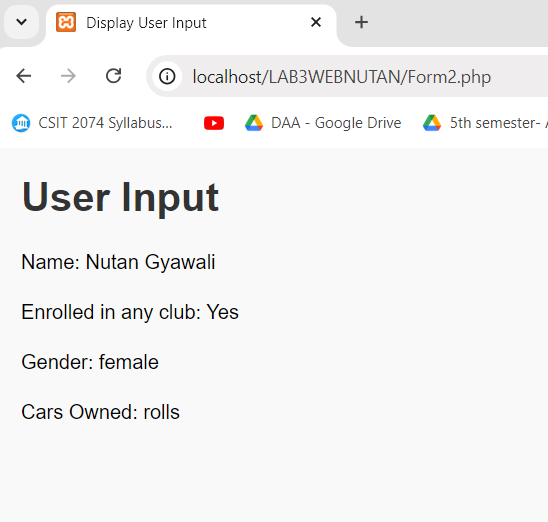
    Nutan Gyawali

</footer>

</html>

OUTPUT:





SOURCE CODE:

<?php

// Function to read the file and return its contents as an array

function readFileToArray($filename)

{

    $lines = file($filename, FILE\_IGNORE\_NEW\_LINES | FILE\_SKIP\_EMPTY\_LINES);

    $data = [];

    foreach ($lines as $line) {

        $data[] = explode(",", $line);

    }

    return $data;

}

$filename = "nutan.txt";

$data = readFileToArray($filename);

?>

<!DOCTYPE html>

<html>

<head>

    <title>Display File Content in Table</title>

    <style>

        table {

            width: 100%;

            border-collapse: collapse;

        }

        table,

        th,

        td {

            border: 1px solid black;

        }

        th,

        td {

            padding: 10px;

            text-align: left;

        }

    </style>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <h2>File Content</h2>

    <table>

        <thead>

            <tr>

                <?php

                if (!empty($data)) {

                    foreach ($data[0] as $header) {

                        echo "<th>" . htmlspecialchars($header) . "</th>";

                    }

                }

                ?>

            </tr>

        </thead>

        <tbody>

            <?php

            for ($i = 1; $i < count($data); $i++) {

                echo "<tr>";

                foreach ($data[$i] as $cell) {

                    echo "<td>" . htmlspecialchars($cell) . "</td>";

                }

                echo "</tr>";

            }

            ?>

        </tbody>

    </table>

    <footer>

        Nutan Gyawali

    </footer>

</body>

</html>

.//nutan.txt

Name, Age, Email

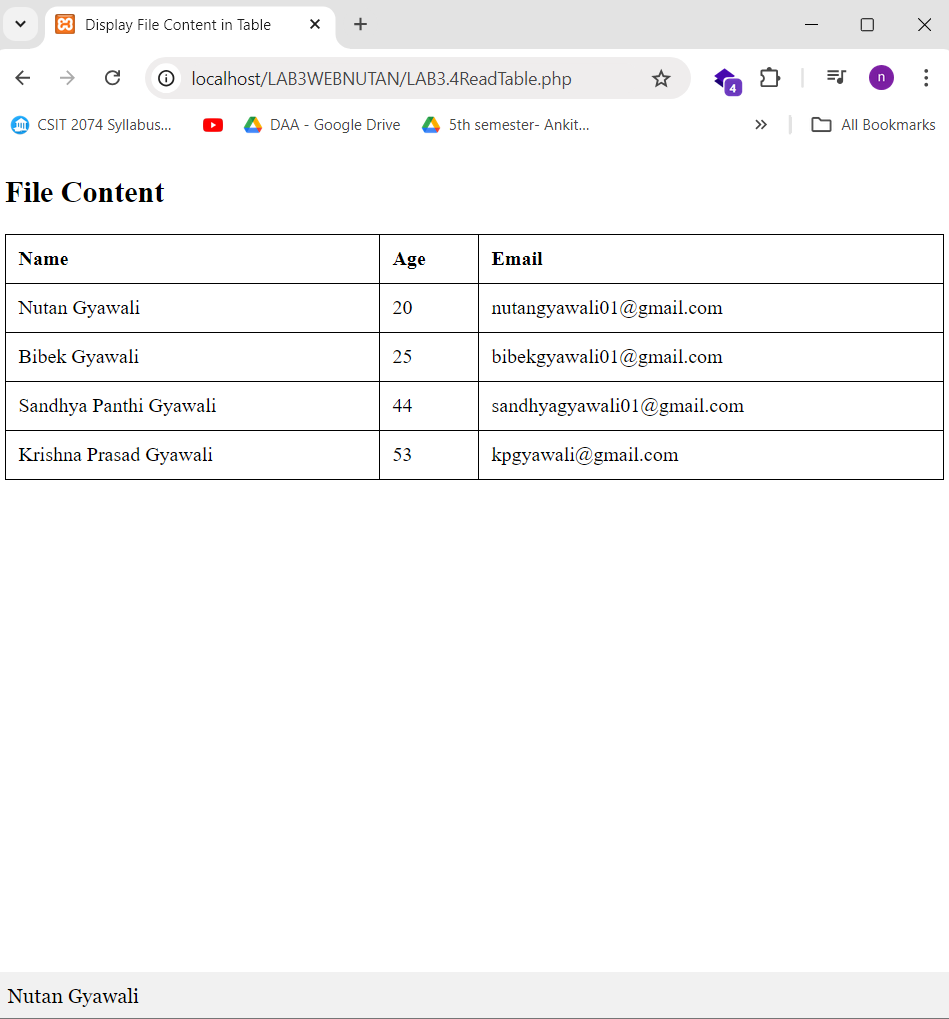
Nutan Gyawali, 20, nutangyawali01@gmail.com

Bibek Gyawali, 25, bibekgyawali01@gmail.com

Sandhya Panthi Gyawali , 44 , sandhyagyawali01@gmail.com

Krishna Prasad Gyawali, 53, [kpgyawali@gmail.com](mailto:kpgyawali@gmail.com)

OUTPUT:



SOURCE CODE:

<!DOCTYPE html>

<html>

<head>

    <title>NUTAN LAB 3.5 LOGIN</title>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <h2>Login Form</h2>

    <form method="post" action="">

        <label for="username">Username:</label><br>

        <input type="text" id="username" name="username" required><br><br>

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

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

        <input type="submit" value="Login">

    </form>

    <footer>

        Nutan Gyawali

    </footer>

</body>

</html>

<?php

// Simulated user data for demonstration purposes

$valid\_username = "admin";

$valid\_password = "password123";

// Get the submitted form data

$username = $\_POST['username'];

$password = $\_POST['password'];

// Validate the submitted credentials

if ($username === $valid\_username && $password === $valid\_password) {

    // Redirect to the welcome page if credentials are valid

    header("Location: welcome.php");

    exit();

} else {

    // Print an error message if credentials are invalid

    echo "Invalid username or password. Please try again.";

}

?>

.//welcome.php

<!DOCTYPE html>

<html>

<head>

    <title>Welcome</title>

</head>

<body>

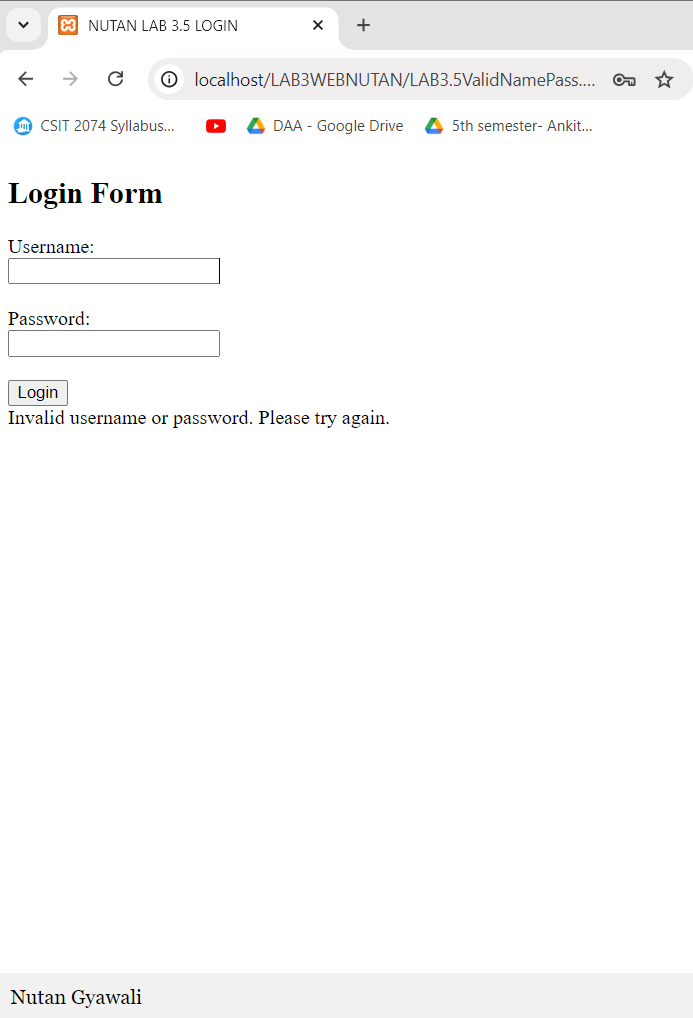
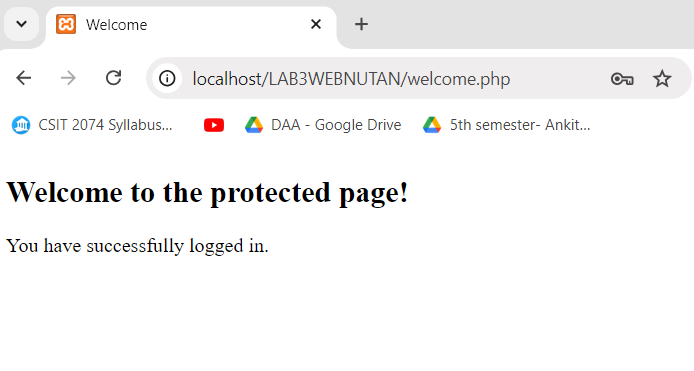
    <h2>Welcome to the protected page!</h2>

    <p>You have successfully logged in.</p>

</body>

</html>

OUTPUT:

SOURCE CODE:

<!DOCTYPE html>

<html lang="en">

<head>

    <title>NUTAN LAB 3.6 FORM DATABASE</title>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <!-- //Create a form to collect student details such as name, address, phone,age, gender and store into the database.   -->

    <form action="" method="post">

        <label for="name">Name:</label>

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

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

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

        <label for="phone"> Phone: </label>

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

        <label for="age"> Age: </label>

        <input type="number" id="age" name="age"><br><br>

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

        <select id="gender" name="gender" required>

            <option value="male">Male</option>

            <option value="female">Female</option>

            <option value="other">Other</option>

        </select><br><br>

        <input type="submit" value="Submit">

    </form>

</body>

<footer>

    Nutan Gyawali

</footer>

</html>

<?php

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    $name = isset($\_POST['name']) ? trim($\_POST['name']) : '';

    $address = isset($\_POST['address']) ? trim($\_POST['address']) : '';

    $phone = isset($\_POST['phone']) ? trim($\_POST['phone']) : '';

    $age = isset($\_POST['age']) ? trim($\_POST['age']) : '';

    $gender = isset($\_POST['gender']) ? trim($\_POST['gender']) : '';

    if (empty($name) || empty($address) || empty($phone) || empty($age) || empty($gender)) {

        echo "All fields are required.";

        exit;

    }

    if (!preg\_match('/^[0-9\s\-\+\(\)]{7,15}$/', $phone)) {

        echo "Invalid phone number format.";

        exit;

    }

    $servername = "localhost";

    $username = "root";

    $password = "";

    $dbname = "nutanweblab";

    $conn = new mysqli($servername, $username, $password, $dbname);

    if ($conn->connect\_error) {

        die("Connection failed: " . $conn->connect\_error);

    }

    // Prepare and bind

    $stmt = $conn->prepare("INSERT INTO nutanstudents (name, address, phone, age, gender) VALUES (?, ?, ?, ?, ?)");

    $stmt->bind\_param("sssis", $name, $address, $phone, $age, $gender);

    if ($stmt->execute()) {

        echo "New record created successfully";

    } else {

        echo "Error: " . $stmt->error;

    }

    $stmt->close();

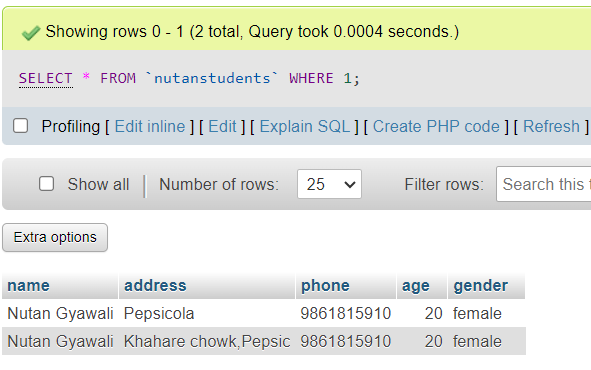
    $conn->close();

}

?>

OUTPUT:





SOURCE CODE:

<!DOCTYPE html>

<html>

<head>

    <title>Page Views Counter</title>

    <style>

        body {

            font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;

            text-align: center;

            margin-top: 50px;

        }

        .counter {

            font-size: 30px;

            font-weight: bold;

            text-decoration: underline double;

        }

    </style>

    <link rel="stylesheet" href="footer.css">

</head>

<body>

    <?php

    session\_start();

    if (isset($\_SESSION['views'])) {

        $\_SESSION['views'] += 1;

    } else {

        $\_SESSION['views'] = 1;

    }

    // Display the page views count

    echo "<div class='counter'>You have viewed the page: " . $\_SESSION['views'] . " times  </div>";

    ?>

</body>

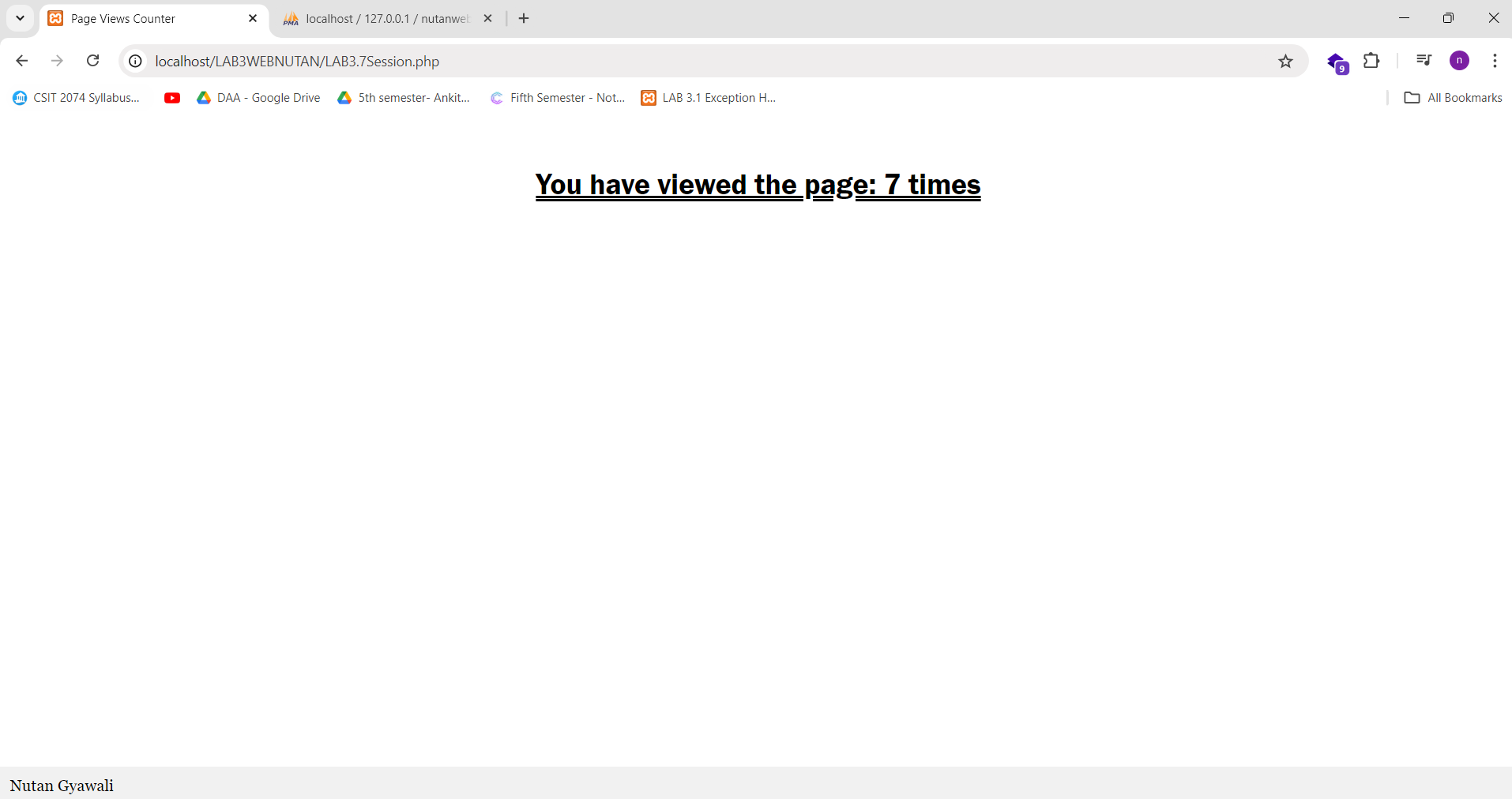
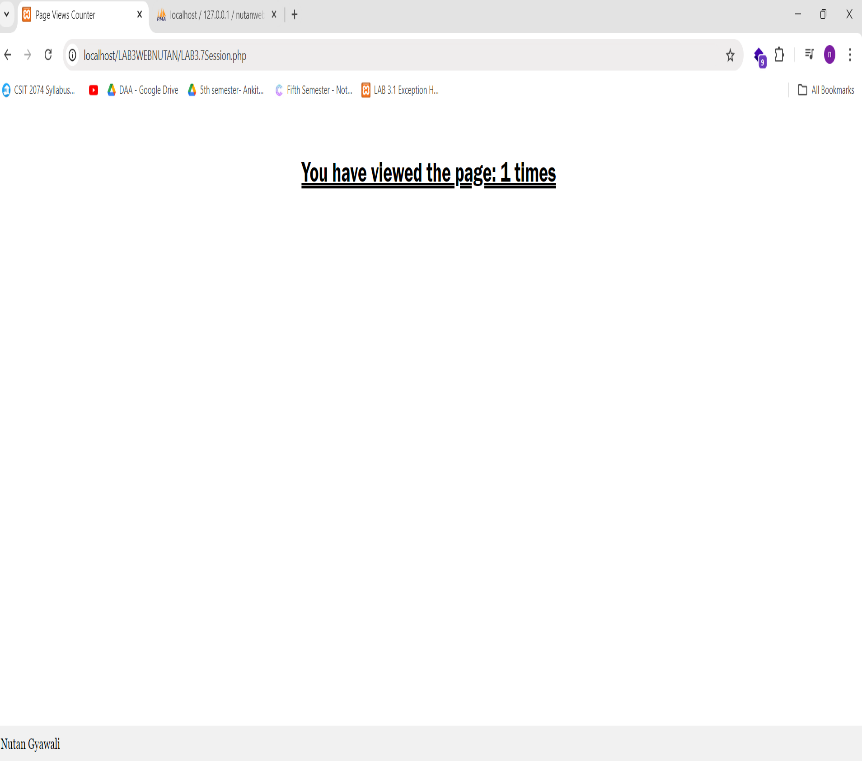
<footer>

    Nutan Gyawali

</footer>

</html>

OUTPUT:



SOURCE CODE:  
<html>

<head>

    <title> Nutan LAB 1 . 6 Layout</title>

    <style>

        body {

            margin: 0;

            display: flex;

            flex-direction: column;

            height: 100vh;

        }

        header {

            background-color: red;

            height: 90px;

            display: flex;

            align-items: center;

            justify-content: center;

            text-align: center;

        }

        .main {

            display: flex;

            flex: 1;

        }

        #green,

        #light-grey,

        #blue {

            flex: 1;

        }

        #green {

            background-color: rgb(70, 233, 78);

        }

        #light-grey {

            background-color: lightgray;

        }

        #pink {

            display: flex;

            height: 90px;

            background-color: pink;

        }

        #blue {

            background-color: rgb(74, 198, 226);

        }

        footer {

            background-color: gray;

            height: 90px;

            display: flex;

            align-items: center;

            justify-content: center;

            text-align: center;

        }

    </style>

</head>

<body>

    <header>

        <p> Header </p>

    </header>

    <div id="pink"> </div>

    <div class="main">

        <div id="light-grey"> </div>

        <div id="green"> </div>

        <div id="blue"> </div>

    </div>

    <footer>

        Footer <br>

        Nutan Gyawali

    </footer>

</body>

</html>