**Practical 01**

**AIM:-** **Design a HTML page describing your profile in one paragraph. Design in such a way has it has a heading, a horizontal rule, three links and your photo. Also, write three HTML documents for the links. Include facilities for forward, backward and HOME.**

**CODE: HOME PAGE**

**HTML:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>PORTFOLIO</title>

</head>

<body>

    <header>

    <h1>Welcome to My Profile !</h1>

    <P>This is AMAN DIKTIYA, student of Information Technology. </P>

    <img src="Profilepicture.jpg" height=100px width="100px" alt="Profile Profilepicture">

    </header>

    <section>

        <h2>About Me </h2>

        <P> Hello I'm Aman Diktiya and here's a little info about Me.</P>

    </section>  <hr>

    <section><b>

        <a href="education.html">EDUCATION </a></b>

    </section>

    <hr>

    <section><b>

        <a href="projects.html">PROJETCS</a></b>

    </section><hr>

    <section>

        <b><a href="myskill.html"> SKILLS </a></b>

        </section><hr>

    <section>

        <h2>Contact Information</h2>

        <P> Let's Connect!</P>

        <pre><b>

        <a href="mailto:amandiktiya@gmail.com">Send me an Email</a>|

<a href="https://www.instagram.com/aman\_diktiya\_?igsh=MTI2NTVobXc4ZThyag==">Instagram</a>|

<a href="https://wa.me/qr/F4B4L6KCIFGXE1"> <b>WhatsApp</b> </a>

    </b>

</pre>

    </section>

</body>

</html>

**CSS:**

body {

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

background-color: #ffffff;

color: #070707;

line-height: 1.2;

}

h1, h2 {

font-weight: 700;

}

p {

font-weight: 400;

}

a {

color: #5092dd;

text-decoration: none;

}

a:hover {

color: #2113e4;

text-decoration: underline;

}

header {

background: linear-gradient(to right, #831bcd, #f9620b);

color: #0f0f0f;

padding: 5px 0;

text-align: center;

}

section {

padding: 0px;

text-align: center;

}

img {

width: 250px;

height: 250px;

border-color: #fcfcfc;

border-radius: 50%;

border-style: double;

border-width: 7px;

border-color: #080808;

box-shadow: 0 50px 200px rgba(236, 228, 228, 0.2);

object-fit: cover;

}

form

{

max-width: 500px;

margin: 20px auto;

padding: 20px;

background: #dde2e7;

box-shadow: 0 5px 15px rgba(14, 13, 13, 0.1);

}

form input[type="text"],

form input[type="email"],

form textarea {

width: calc(100% - 20px);

padding: 10px;

margin-bottom: 20px;

border: 1px solid #ccc;

border-radius: 5px;

}

form button {

background: #007bff;

color: #000000;

border: 0;

padding: 10px 20px;

border-radius: 5px;

cursor: pointer;

font-size: 18px;

}

form button:hover {

background: #0056b3;

}

footer {

background: linear-gradient(to right, #ce97f6, #db8e62);

color: #fff;

text-align: center;

padding: 20px 0;

position: relative;

bottom: 0;

width: 100%;

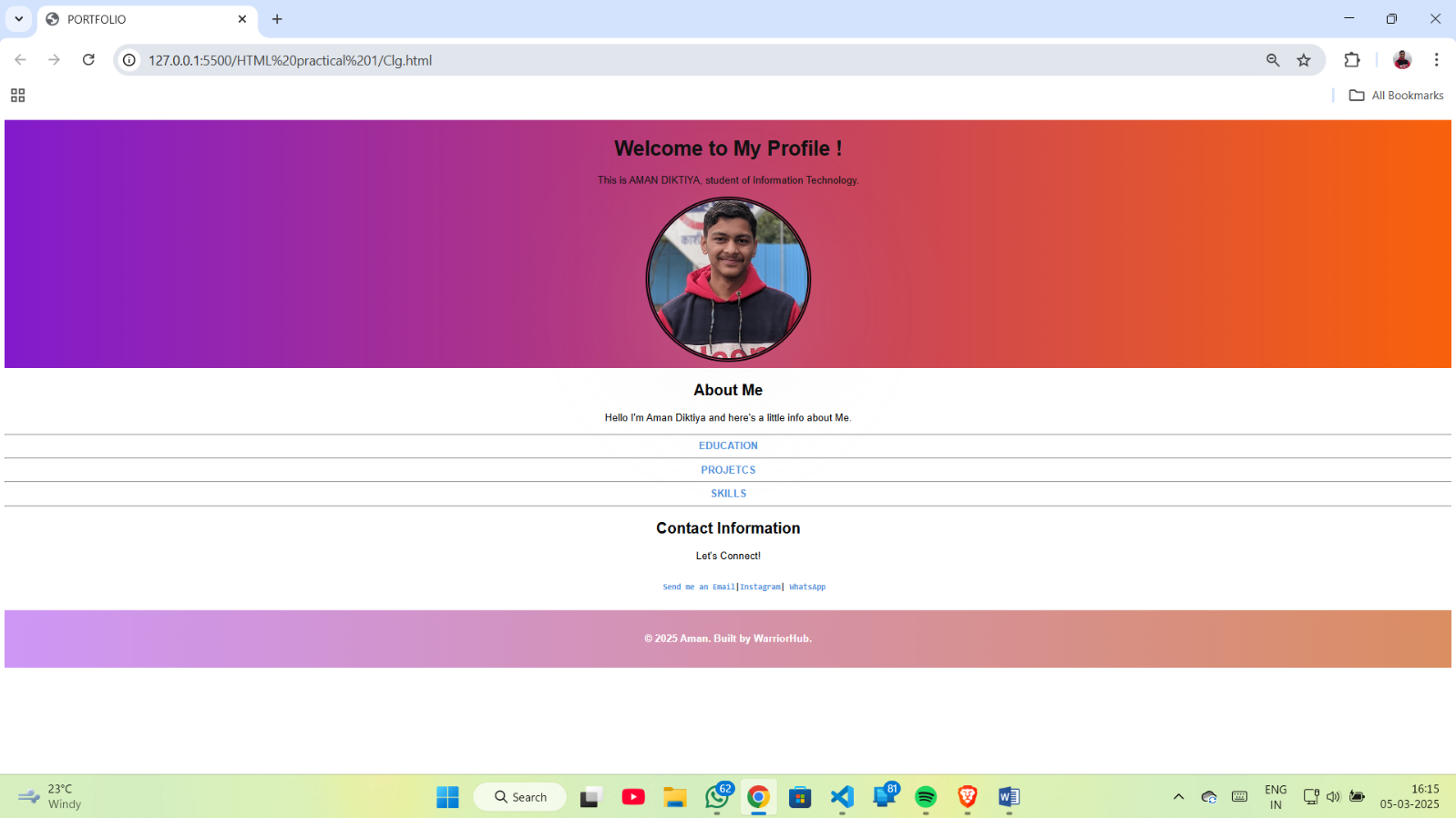
}

hr{

color: #0b0909;

size: 25px;

}



**CODE: EDUCATION PAGE:-**

**HTML:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>EDUCATION</title>

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

</head>

<body><h4>

    Hello Everyone My name is Aman Diktiya. I am student in Govt. Polytechnic Kashipur, 2nd year Information Technology.

    <br><br>

    My education Qualification mention below :- </h4>

    <br>    <hr>    <br>

    <*center*>

    <table>

        <tr >

          <TH>CLASS</TH>

          <th>BOARD/UNIVERSITY</th>

          <TH>YEAR</TH>

          <th>TOTAL MARKS </th>

          <th>OBTAINED MARKS</th>

          <th>PERCENTAGE</th>

        </tr>

        <tr>

          <td>HIGH SCHOOL</td>

          <TD>UTTARAKHAND BOARD</TD>

          <td>2021</td>

          <td>500</td>

          <td>398</td>

          <TD>79.6%</TD>

        </tr>

        <tr>

            <td>INTERMEDIATE</td>

            <TD>UTTARAKHAND BOARD</TD>

            <td>2023</td>

            <td>500</td>

            <td>343</td>

            <TD>69.6%</TD>

          </tr>

          <tr>

            <td>DIPLOMA </td>

            <TD>UBTER</TD>

            <TH>2026</TH>

            <td>1000</td>

            <td>856</td>

            <TD>85.6%</TD>

          </tr>

      </table>

    </*center*>

      <br><hr>

      <section><*center*>

      <a href="Clg.html"><b>Back to Page</b></a></*center*>

    </section>    <hr>

</body>

</html>

    SKILLS PAGE :-

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Document</title>

</head>

<body>

<h1><p>My Skills</p></h1>

        <centre>

        <table *align*="center">

            <tr>

                <td>

                    <ul style="text-align:left;">

                        <li>Web Development</li>

                        <li>Graphic Design</li>

                        <li>Photography</li>

                    </ul>

                </td>

            </tr>

        </table>

    </centre>

    <section><hr><b>

        <*center*>

        <a href="Clg.html">Back to Page</a>

    </*center*></b>

    <hr></section>

</body>

</html>

**CSS:**

table, th, td {

border-collapse: collapse;

}

th, td {

background-color: #96D4D4;

border-color: black;

border-style: groove;

text-align: center;

text-shadow: #fdfdfd;

}

section{

background: linear-gradient(to right, #caa4e4, #e38752);

text-align: center;

padding: 20px 0;

position: relative;

width: 100%;

font-size: large;

}

table{

text-align: justify;

text-indent: 1%;

}

th{

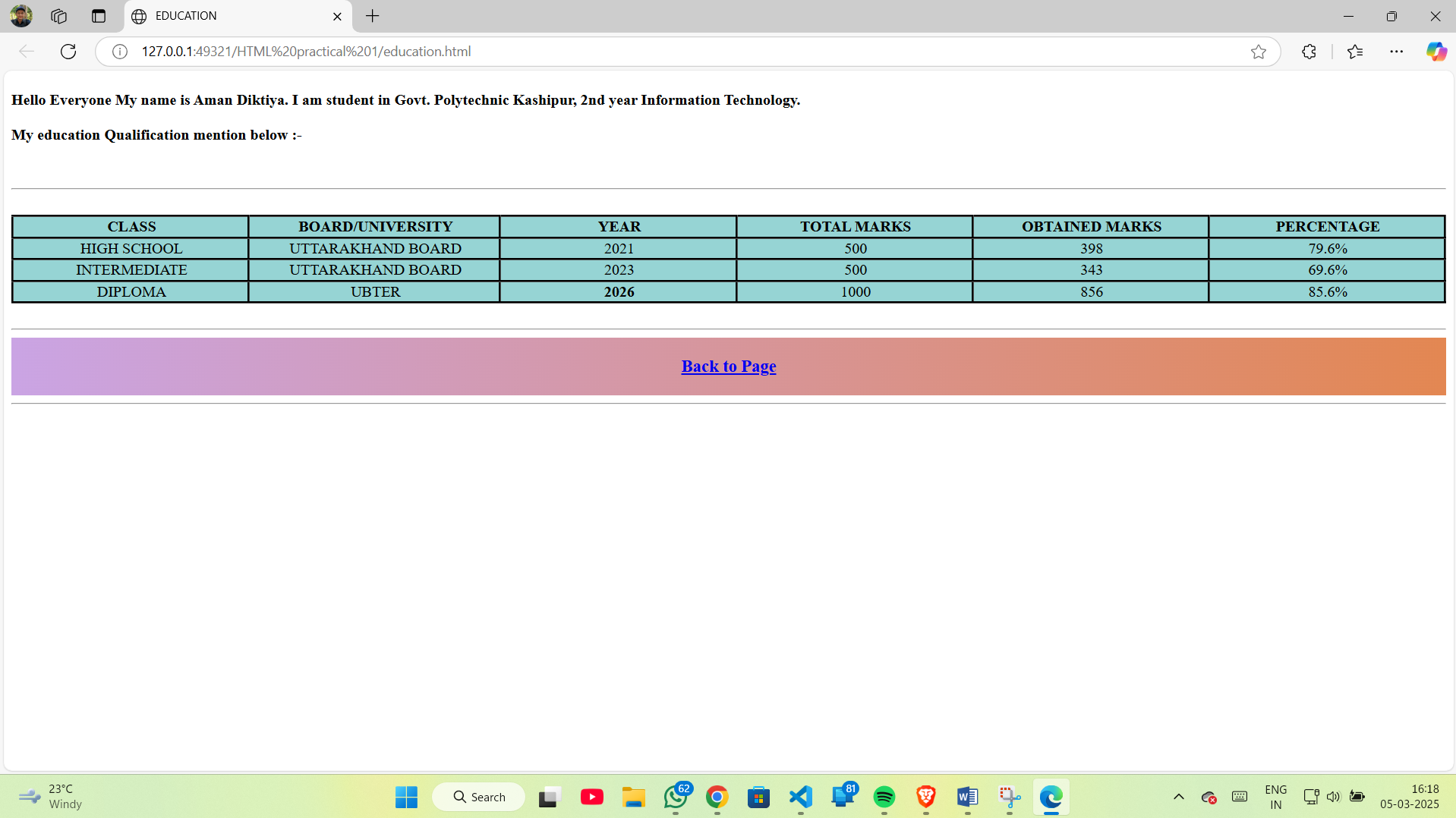
width:10%;

}

td{

width: 10%;

}



**CODE: PROJECTS PAGE:-**

**HTML:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Project</title>

</head>

<body>

    <H1>MY PROJETCS</H1>

    <section>

    <PRE><p><H4>

        <a href="project1.html">Project 1</a>

        <a href="project2.html">Project 2</a>

    </H4></p></PRE>

</section>

<section><hr><b>

            <*center*>

            <a href="main.html">Back to Page</a>

        </*center*></b>

        <hr></section>

</body>

</html>

**Project 1 :-**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Project 1</title>

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

<link rel="stylesheet" href="C:\Users\Aman Diktiya\Desktop\IWT Practical\HTML practical 1">

<style>

h2{

text-align: center;

}

</style>

</head>

<body>

<H2>Hello everyone</H2>

<br>

<h4>Creating a Portfolio web page . That's interface like This</h4>

<hr>

<b>

<header>

<h1>Welcome to My Profile !</h1>

<P>This is AMAN DIKTIYA, student of Information Technology. </P>

<img src="Profilepicture.jpg" height=100px width="100px" alt="Profile Profilepicture">

</header>

<section>

<h2>About Me </h2>

<P> Hello I'm Aman Diktiya and here's a little info about Me.</P>

</section>

<hr>

<section><b>

<a href="education.html">EDUCATION </a></b>

</section>

<hr>

<section><b>

<a href="projects.html">PROJETCS</a></b>

</section>

<hr>

<section>

<b><a href="myskill.html"> SKILLS </a></b>

</section>

<hr>

<section>

<h2>Contact Information</h2>

<P> Let's Connect!</P>

<pre>

<b>

<a href="mailto:amandiktiya@gmail.com">Send me an Email</a>|<a href="https://www.instagram.com/aman\_diktiya\_?igsh=MTI2NTVobXc4ZThyag==">Instagram</a>|<a href="https://wa.me/qr/F4B4L6KCIFGXE1"> <b>WhatsApp</b> </a>

</b>

</pre>

</section>

<footer>

<p><b> &copy; 2025 Aman. Built by WarriorHub.</b></p>

</footer>

<hr>

<center>

<a href="projects.html">Back to Page</a> |

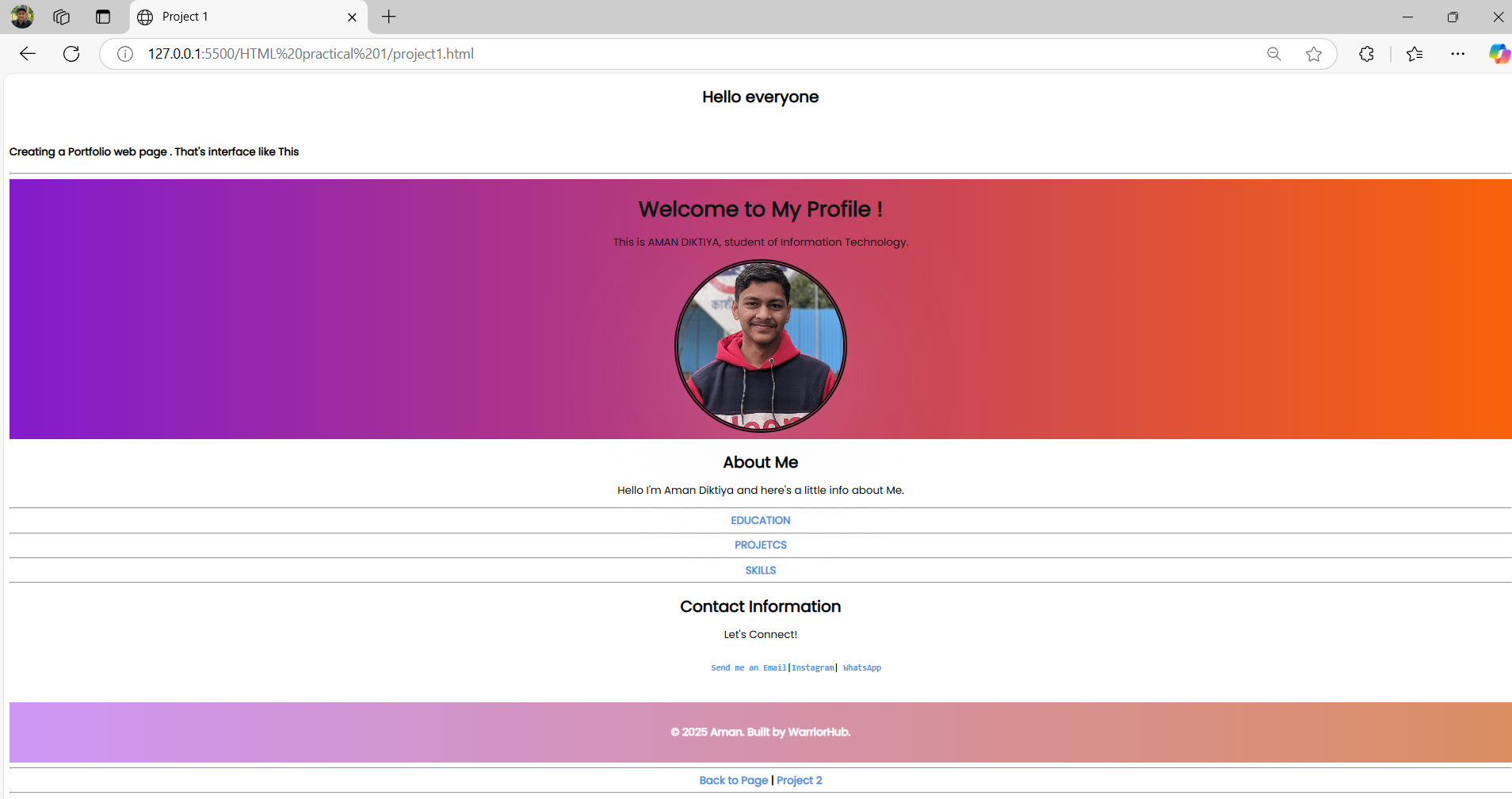
<a href="project2.html">Project 2</a>

</center></b>

<hr>

</body>

</html>



**Project 2:-**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Project 2</title>

</head>

<body>

<p>Technical Projects

PPT ( Markiting Presentation ,sound effects presentation) <br>

WE did land wire Projects in IOT <BR>

</p>

<CENTER>

<img src="p1.png" alt="" srcset="" height="500PX" width="1000PX" >

</CENTER>

<hr><b>

<center>

<a href="project1.html">Back to Page</a> |

<!-- <a href="project3.html">Projects 3</a> -->

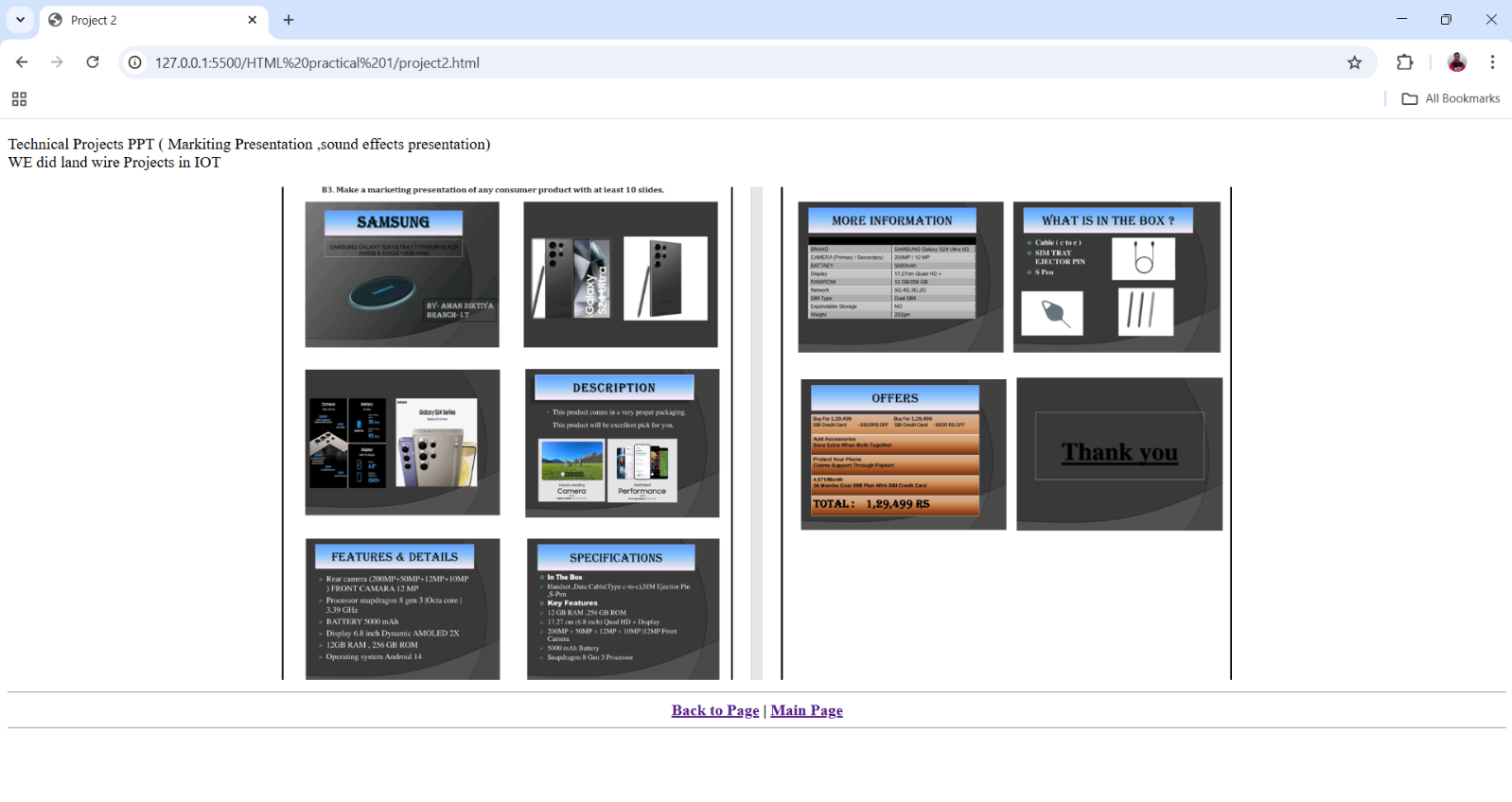
<a href="Clg.html">Main Page</a>

</center></b>

<hr>

</body>

</html>



**PRACTICAL 02**

**AIM:- Design a HTML page about computer languages. List the language. Each Language’s name is a link. Prepare separate HTML documents for each language and call them in the appropriate link.**

**HTML:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

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

    <title>Computer Programming Language</title>

</head>

<body>

    <h1>Computer Programming Language  </h1>

    <hr>

  <p>Computer languages are used to write programs for computers and other devices. Some popular computer languages include C++, Python, HTML,CSS, JavaScript, C#, Ruby, Swift, and Go. </p>

  <h1>Popular computer languages :-</h1>

  <h2> <a href="c++.html">C++ </a></h2>

  <hr>

  <h2> <a href="python.html">PYTHON </a></h2>

  <hr>

  <h2> <a href="HTML.html">HTML</a></h2>

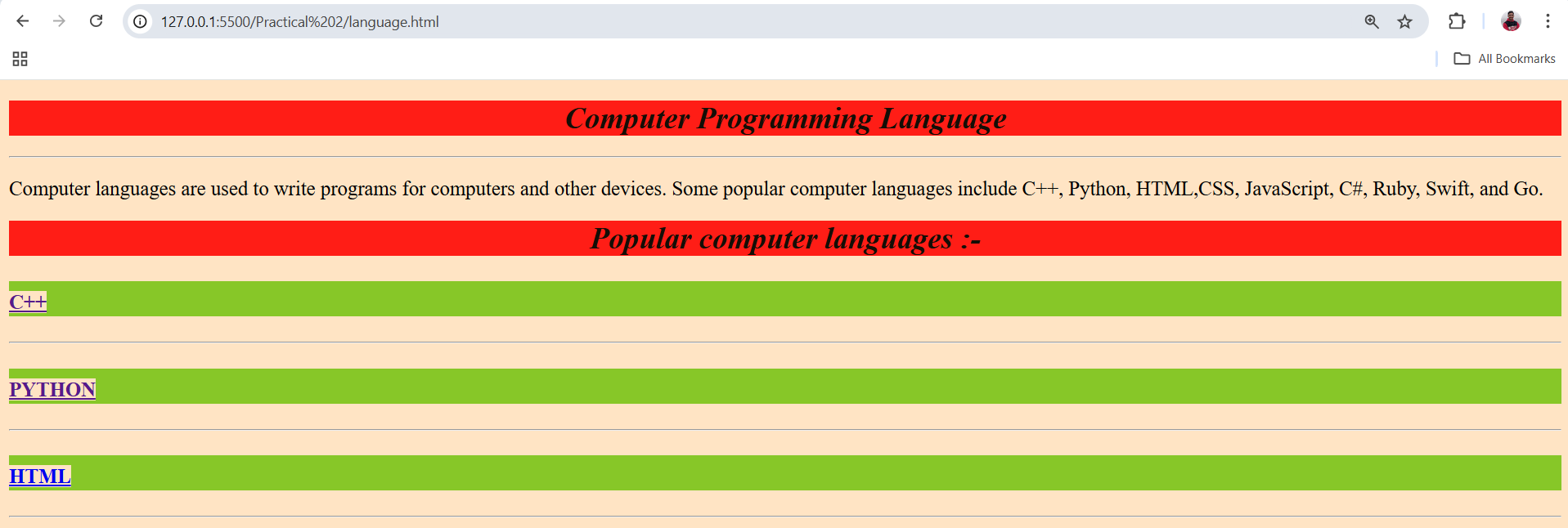
  <hr>

  <h2> <a href="JAVA.HTML">JAVASCRIPT</a></h2>

<hr>

</body>

</html>



**C++ :**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title> C++</title>

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

</head>

<body>

    <p> C++ is a general-purpose programming language that was developed as an enhancement of the C language to include object-oriented paradigm. It is an imperative and a compiled language. C++ is a high-level, general-purpose programming language designed for system and application programming. It was developed by Bjarne Stroustrup at Bell Labs in 1983 as an extension of the C programming language.C++ is an object-oriented, multi-paradigm language that supports procedural, functional, and generic programming styles.One of the key features of C++ is its ability to support low-level, system-level programming, making it suitable for developing operating systems, device drivers, and other system software. At the same time, C++ also provides a rich set of libraries and features for high-level application programming, making it a popular choice for developing desktop applications, video games, and other complex applications. C++ has a large, active community of developers and users, and a wealth of resources and tools available for learning and using the language. Some of the key features of C++ include: Object-Oriented Programming: C++ supports object-oriented programming, allowing developers to create classes and objects and to define methods and properties for these objects.Templates: C++ templates allow developers to write generic code that can work with any data type, making it easier to write reusable and flexible code. <br>

    <b>More Information <a href="https://www.w3schools.com/cpp/">W3schools</a> | <a href="https://www.javatpoint.com/cpp-dictionaries">Javatpoint</a></b>

   </p>

   <hr>

   <section><center>

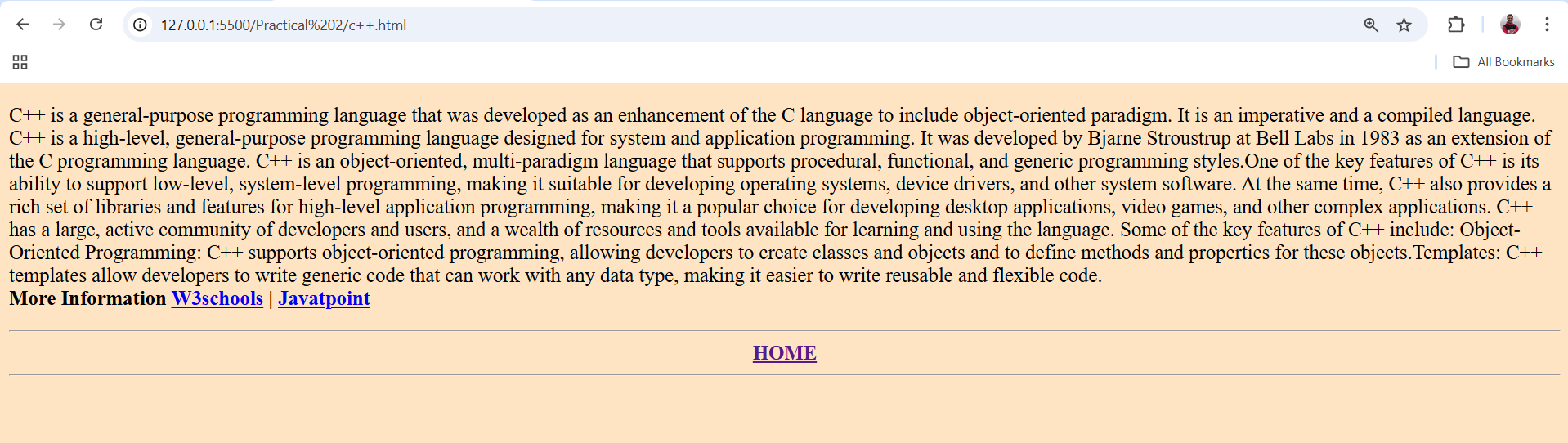
   <a href="language.html"><b>HOME</b></a></center>

 </section>

 <hr>

</body>

</html>



**PYTHON :**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Introduction To Python</title>

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

</head>

<body>

    <h2>Python</h2>

    <h3>

        What is Python?</h3>

        Python is a popular programming language. It was created by Guido van Rossum, and released in 1991. <br> <br>

        <b>It is used for:</b>

        <ul>

        <li>web development (server-side),</li>

        <li>software development,</li>

        <li>mathematics,</li>

        </ul>

        <h3>What can Python do?</h3>

        <ul>

            <li>Python can be used on a server to create web applications.</li>

            <li>Python can be used alongside software to create workflows.</li>

            <li>Python can connect to database systems. It can also read and modify files.</li>

        </ul>

        <h3>Why Python?</h3>

        <ul>

            <li>Python works on different platforms (Windows, Mac, Linux, Raspberry Pi, etc).</li>

            <li>Python has a simple syntax similar to the English language.</li>

            <li>Python has syntax that allows developers to write programs with fewer lines than some other programming languages.</li>

        </ul>

        <b>More Information <a href="https://www.w3schools.com/js/default.asp">W3schools</a> | <a href="https://www.tpointtech.com/python-tutorial">Javatpoint</a></b>

        <hr>

      <section><center>

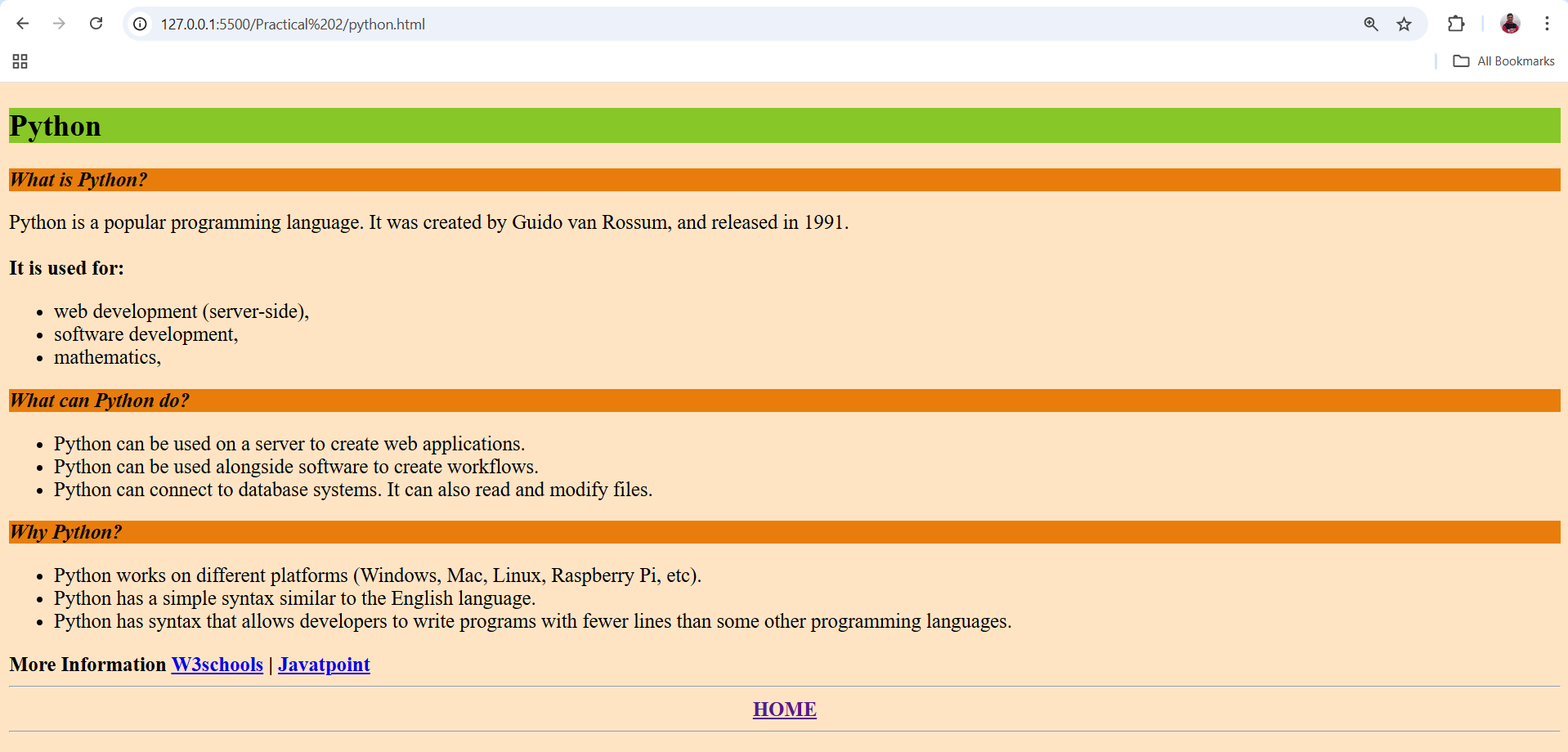
      <a href="language.html"><b>HOME</b></a></center>

    </section>

    <hr>

</body>

</html>



**HTML:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title> HTML</title>

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

</head>

<body>

    <h2>HTML</h2>

    <h3>What is HTML?</h3>

    <ul>

        <li>HTML stands for Hyper Text Markup Language</li>

        <li>HTML is the standard markup language for creating Web pages</li>

        <li>HTML describes the structure of a Web page</li>

        <li>HTML consists of a series of elements</li>

        <li>HTML elements tell the browser how to display the content</li>

        <li>HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.</li>

    </ul>

    <b>More Information <a href="https://www.w3schools.com/html/default.asp">W3schools</a> | <a href="https://www.tpointtech.com/html-tutorial">Javatpoint</a></b>

    <hr>

    <section><center>

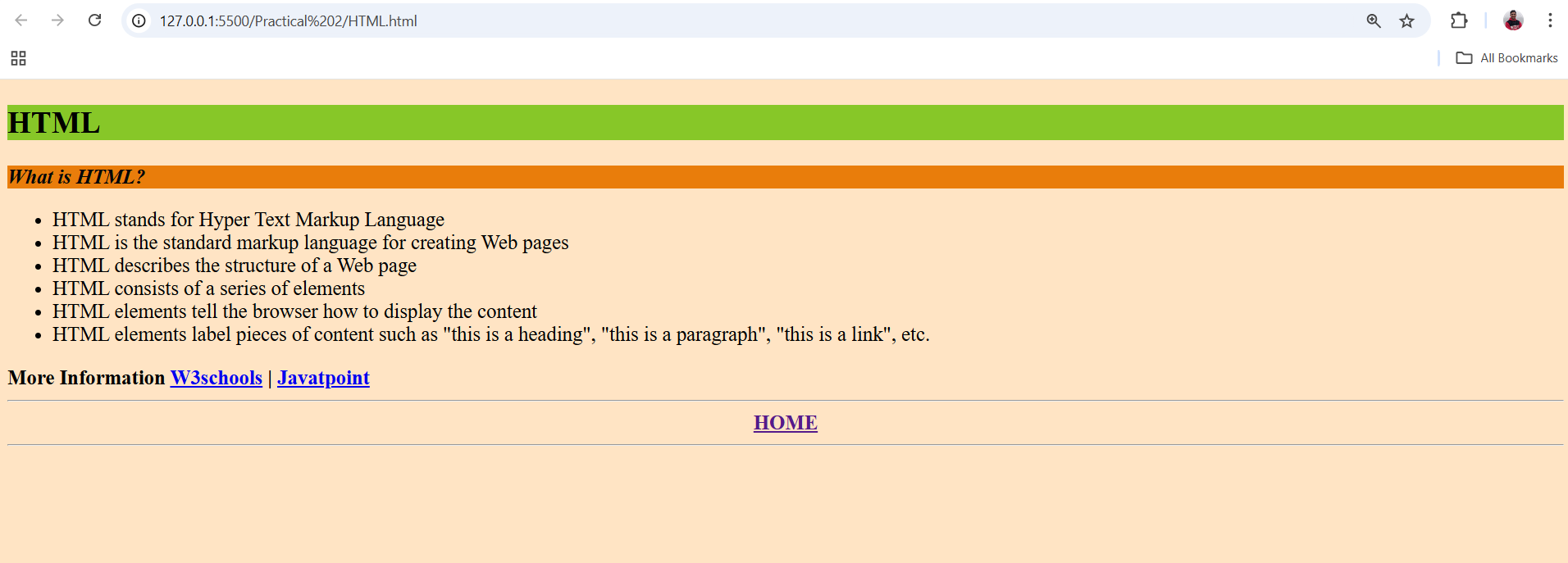
    <a href="language.html"><b>HOME</b></a></center>

  </section>

  <hr>

</body>

</html>

****

**PRACTICAL 03**

**AIM:-** **Design a single page website for your polytechnic containing a description of the courses offered. It should also contain some general information about the college such as its history, the campus, its unique features and so on. The site should be colored and each section should have a different color.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Document</title>

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

</head>

<body>

<body  >

<h1>GOVERNMENT POLYTECHNIC  KASHIPUR <br>

          Udham Singh Nagar

</h1>

<hr>

<div id="aman">

<b >The Institute at present is running following Courses :</b>

<ul>

    <li>Mechanical Engineering</li>

    <li>Civil Engineering</li>

    <li>Computer Science and Engineering</li>

    <li>Information TechnologyEngineering</li>

    <li>Agricultural Engineering</li>

    <li>Chemical Paint Technology</li>

    <li>Pharmacy</li>

</ul></div>

<hr>

<div id="am">

<h2>History</h2>

<p>Established in 1975, for imparting technical education and to generate suitable technical manpower.

 The institute is fully financed by Government of Uttarakhand.

 The peace full, pollution free soruding and excellent infrastructure facilities make Government Polytechnic Kashipur

 an ideal setting for academic pursuits.</p></div>

<hr>

<div id="a">

    <h2>Campus</h2>

<p>Our polytechnic is a private college that offers a wide range of courses to students.

 Located in a bustling city, our college is housed in a modern and well-designed building.

The architecture is sleek and contemporary, providing a conducive environment for learning and growth.

As you step onto our college grounds, you'll be greeted by lush greenery and well-maintained gardens.

The campus is spacious, allowing students to engage in various activities and relax during breaks.

We have dedicated areas for sports and recreation, ensuring a well-rounded experience for our students.

Our college offers a diverse range of courses, catering to different interests and career paths.

From engineering and technology to business and design, students have plenty of options to choose from.

Our faculty members are highly qualified and experienced, providing quality education and guidance to our students.</p></div>

<hr>

<div id="b">

    <h2>Principal's Desk</h2>

<*center*><img src="download.jpg"></*center*>

<br>

<p>“Technical Education is an ornament in prosperity and a refuge in adversity”<br>

We are constantly reviewing our set up to update and improve while making sure<br>

 that students gain thinking skills, analytical frameworks, interpersonal and communication skills which will be advantageous to them in the future. <br>

We also ensure to provide students with a supportive and welcoming environment in which they will be encouraged to develop themselves personally and professionally.<br>

 We prepare students for a bright and positive future in the world of work or of further study.<br></div>

<hr>

<div id="c">

Mr. Birendra Pal Singh<br>

Principal<br>

Govt. Polytechnic, Kashipur<br></div>

<hr>

</body>

</html>.

</body>

</html>

**CSS:**

h1{

text-align: center;

color: rgb(7, 136, 136);

background-color: bisque;

}

h2{

text-align: center;

}

img{

border-radius: 50%;

border-color: rgb(121, 113, 113);

border-style: double;

border-width: 0.19cm;

}

hr{

border-width: 0.03cm;

border-color: black;

}

#aman{

background-color: rgb(203, 190, 174);

}

#am{

background-color: rgb(158, 184, 206);

}

#a{

background-color: rgb(129, 185, 235);

}

#b{

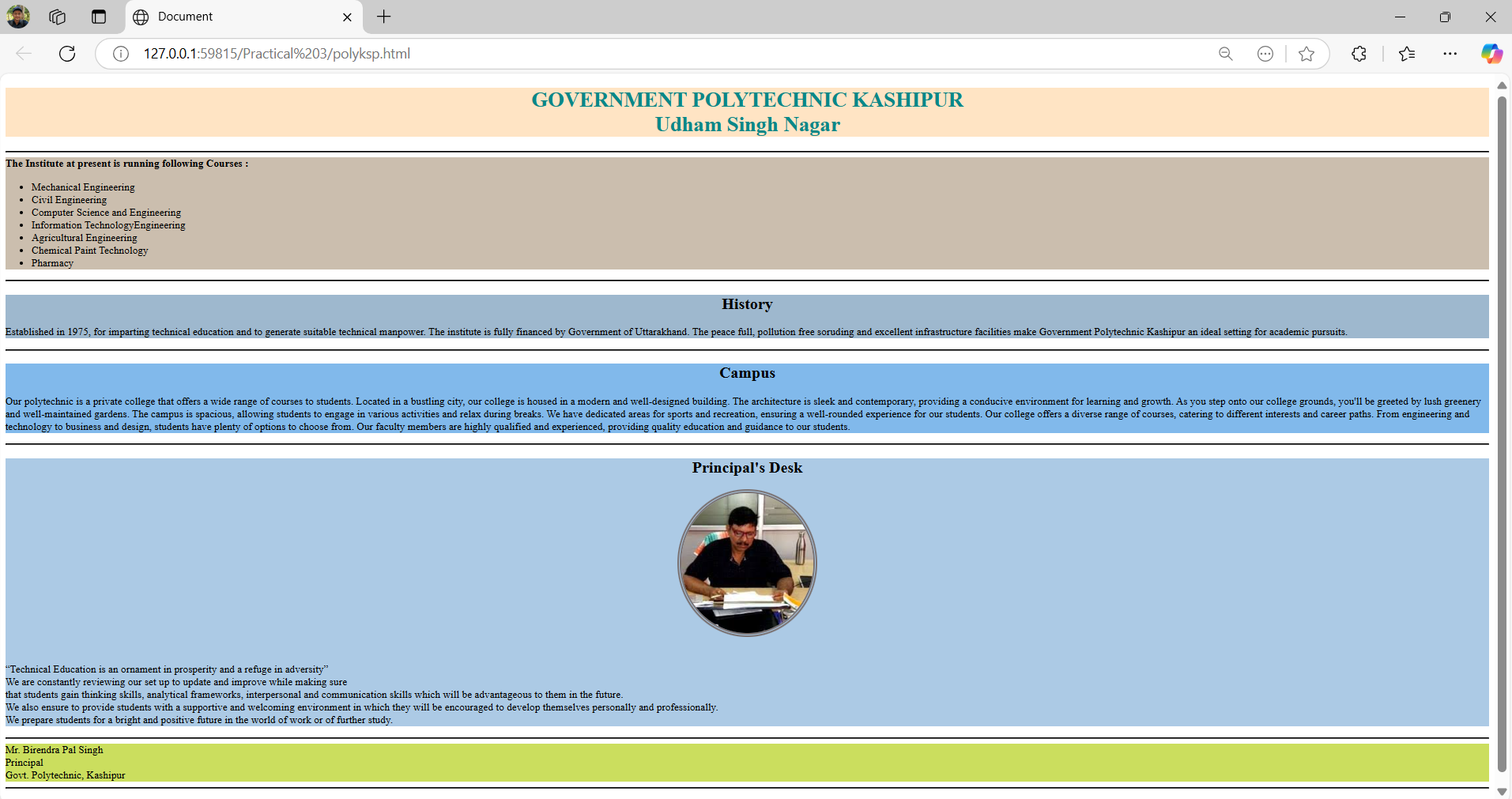
background-color: rgb(172, 202, 229);

}

#c{

background-color: rgb(203, 222, 94);

}



**PRACTICAL 04**

**AIM:- Develop a web page using CSS to create a time table for the class using different border style.**

**CODE:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Time Table</title>

    <link rel="stylesheet" href="TABLE.CSS">

</head>

<body>

    <h1>GOVERNMENT POLYTECHHNIC KASHIPUR</h1>

    <h3><P>TIME TABLE FOR <BR>

        IT 2<sUP>ND</sUP> YEAR</P></h3>

    <table>

        <tr>

          <h4>

            <th>DAY/TIME</th>

            <th>1<BR><br>10:00AM-11:50AM</th>

            <th>2<BR><br>10:50AM-11:40AM</th>

            <th>3<BR><br>11:40AM-12:30PM</th>

            <th>4<BR><br>12:30PM-1:20PM</th>

            <th>1:20PM-1:40PM</th>

            <th>5<BR><br>1:40PM-2:30PM</th>

            <th>6<BR><br>2:30PM-3:20PM</th>

            <th>7<BR><br>3:20PM-4:10PM</th>

            <th>8<BR><br>4:10PM-5:00PM</th>

          </h4>

        </tr>

     <tr>

        <td>MONDAY</td>

        <TD>RDBMS</TD>

        <td>RDBMS</td>

        <td>DSUC</td>

        <td>DSUC</td>

        <td rowspan="6">Lunch Time</td>

        <TD>IWT <br>Lab</TD>

        <TD>IWT <br>Lab</TD>

        <TD>RDBMS <br>Lab</TD>

        <TD>RDBMS <br>Lab</TD>

      </tr>

      <tr>

          <td>TUESDAY</td>

          <td>RDBMS</td>

          <td>RDBMS</td>

          <td>DSUC</td>

          <td>DSUC</td>

          <td>IWT <br>Lab</td>

          <td>IWT <br>Lab</td>

          <td>RDBMS <br>Lab</td>

          <TD>RDBMS <br>Lab</TD>

      </tr>

      <tr>

          <td>WEDNESDAY</td>

          <td>CSOA</td>

          <td>CSOA</td>

          <td>OOC <br>Lab</td>

          <td>OOC <br>Lab</td>

          <td>CNS <br>Lab</td>

          <td>CSN <br>LAB</td>

          <TD>G P</TD>

          <TD>G P</TD>

      </tr>

      <TR>

          <td>THRUSDAY</td>

          <td>CSOA</td>

          <td>CSOA</td>

          <td>OOC <br>Lab</td>

          <td>OOC <br>Lab</td>

          <td>CNS</td>

          <td>CNS</td>

          <TD>G P</TD>

          <TD>G P</TD>

      </TR>

      <TR>

          <td>FRIDAY</td>

          <td>OOC</td>

          <td>OOC</td>

          <td>IWT</td>

          <td>IWT</td>

          <td>DSUC <br>Lab</td>

          <td>DSUC <br>Lab</td>

          <TD>DSUC <br>Lab</TD>

          <td>DSUC <br>Lab</td>

         </TR>

        <TR>

          <td>SATURDAY</td>

          <td>OOC</td>

          <td>OOC</td><br>

          <td>IWT</td>

          <td>IWT</td>

            <td>OOC <br>Lab</td>

          <td>OOC <br>Lab</td>

          <td>OOC <br>Lab</td>

          <td>OOC <br>Lab</td>

        </TR>

</table>

  <pre>

</pre>

  <div>

    <table>

      <TR>

        <TH>SUBJECTS</TH>

        <TH>TEACHER</TH>

      </TR>

      <TR>

        <TD>DATA STRUCTURE USING C <b>(DSUC)</b></TD>

        <TD><*big*><b>Mrs.NEHA BORA</b></*big*></TD>

      </TR>

      <TR>

        <TD>OBJECTS ORIENTED CONCEPTS <b>(OOC)</b></TD>

        <TD><*big*><b>Mr.ASHOK KUMAR</b></*big*></TD>

      </TR>

      <TR>

        <TD> INTERNET AND WEB TECHNOLOGY <b>(IWT)</b></TD>

        <TD><*big*><b>Mrs. NEHA BORA</b></*big*></TD>

      </TR>

      <TR>

        <TD>RELATIONAL DATA BASE MANAGEMENT SYSTEM <b>(RDBMS)</b></TD>

        <TD><*big*><b>Mr. ASHOK KUMAR</b></*big*></TD>

      </TR>

      <TR>

        <TD>COMPUTER SYSTEM ORGANIZATION AND ARCHITECTURE <b>(CSOA)</b></TD>

        <TD><*big*><b>Mr. JAGDISH CHANDRA PANDAY</b></*big*></TD>

      </TR>

      <TR>

        <TD>COMPUTER NETWORK AND SECURITY <b>(CNS)</b></TD>

        <TD><*big*><b>Mrs. NEHA BORA</b></*big*></TD>

      </TR>

    </table>

  </div>

</body>

</html>

**CSS:**

body{

  border: solid;

border-color: rgb(4, 4, 4);

background-color: bisque;

}

tr,td{

  border: solid;

  border-color: rgb(9, 8, 8);

  background-color: rgb(168, 234, 234);

  width: 10%;

  height: 50%;

  font-style:oblique;

}

th{

  background-color: rgb(237, 137, 7);

  border: solid;

  width: 10%;

  height: 20%;

  font-style:normal;

  gap: 0.2cm;

}

table{

  text-align: center;

  width: 100%;

  height: 100%;

}

h1{

  text-align: center;

}

div{tr{

  height: 1.16cm;

  font-style:normal;

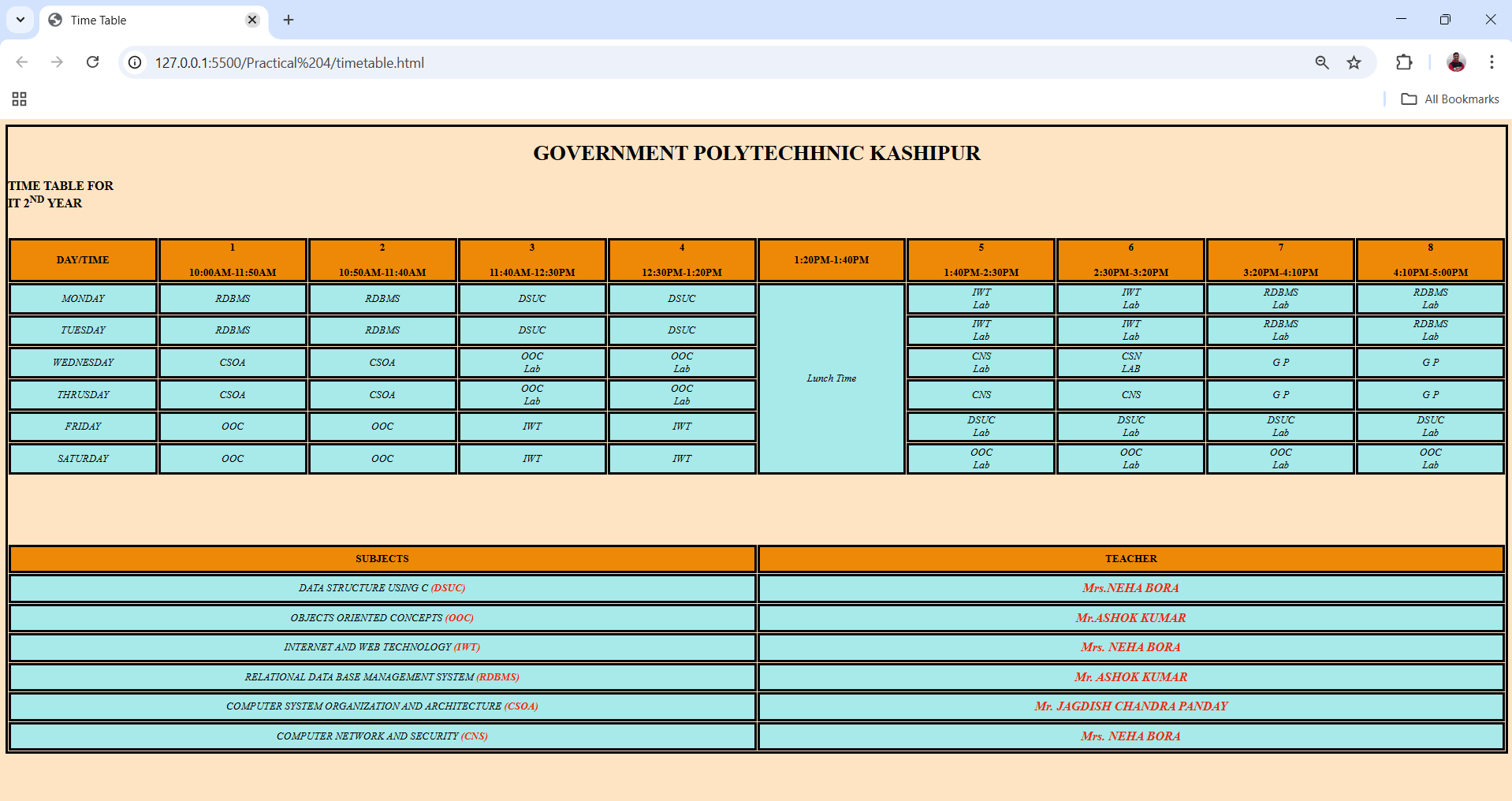
  b{

    color:rgb(236, 40, 14) ;

  }

}

}

**PRACTICAL 05**

**AIM:-** **a) Write a Java script code that converts the entered text to uppercase.**

**HTML CODE:-**

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Text to Uppercase</title>

    <link rel="stylesheet" href="part1.css">

    <script src="part1.js"></script>

    </head>

<body>

    <h2>Convert Text to Uppercase</h2>

    <input type="text" id="textInput" placeholder="Enter text">

    <button onclick="convertToUppercase()">Convert</button>

    <p>Uppercase Text: <span id="outputText"></span></p>

</body>

</html>

**CSS:-**

body {

    font-family: Arial, sans-serif;

    text-align: center;

    margin: 50px;

    background-color: #f4f4f4;

}

h2 {

    color: #333;

}

input {

    padding: 10px;

    width: 250px;

    font-size: 16px;

    border: 1px solid #ccc;

    border-radius: 5px;

}

button {

    padding: 10px 15px;

    margin-left: 10px;

    font-size: 16px;

    border: none;

    background-color: #007bff;

    color: white;

    border-radius: 5px;

    cursor: pointer;

}

button:hover {

    background-color: #0056b3;

}

p {

    margin-top: 20px;

    font-size: 18px;

    font-weight: bold;

}

#outputText {

    color: #d9534f;

}

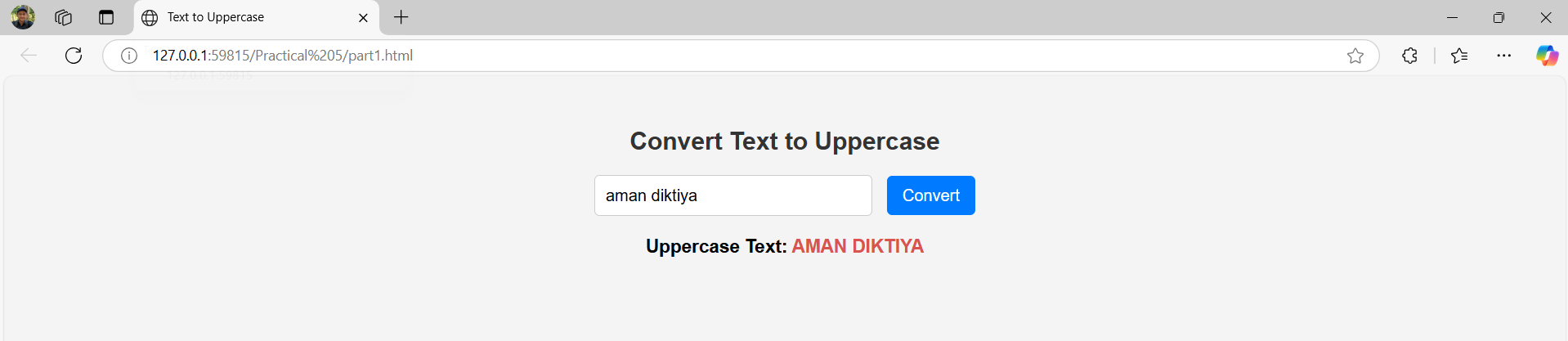
**Java scripts:-**

function convertToUppercase() {

    let inputText = document.getElementById("textInput").value;

    let upperText = inputText.toUpperCase();

    document.getElementById("outputText").innerText = upperText;

}

**b) Write a Java script code to validate the username and password The username and password are stored invariables.**

**HTML CODE:-**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Login Form Validation</title>

    <link rel="stylesheet" href="part2.css">

    <script src="part2.js"></script

</head>

<body>

    <div class="login-container">

        <h2>Login</h2>

        <form id="loginForm">

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

            <input type="text" id="username" placeholder="Enter username" required><br>

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

            <input type="password" id="password" placeholder="Enter password" required><br>

            <button type="button" onclick="validateLogin()">Login</button>

        </form>

        <p id="errorMessage"></p>

    </div>

</body>

</html>

**CSS:-**

body {

    font-family: Arial, sans-serif;

    background-color: #f4f4f4;

    display: flex;

    justify-content: center;

    align-items: center;

    height: 100vh;

    margin: 0;

}

.login-container {

    background-color: white;

    padding: 30px;

    border-radius: 10px;

    box-shadow: 0 0 15px rgba(0, 0, 0, 0.1);

    width: 300px;

    text-align: center;

}

h2 {

    color: #333;

}

input {

    width: 100%;

    padding: 10px;

    margin: 10px 0;

    border-radius: 5px;

    border: 1px solid #ccc;

}

button {

    width: 100%;

    padding: 10px;

    background-color: #4CAF50;

    color: white;

    border: none;

    border-radius: 5px;

    cursor: pointer;

}

button:hover {

    background-color: #45a049;

}

#errorMessage {

    color: red;

    font-size: 14px;

**JAVA SCRIPTS:-**

const correctUsername = "amandiktiya";

const correctPassword = "@2580";

function validateLogin() {

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

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

    const errorMessage = document.getElementById('errorMessage');

    errorMessage.textContent = '';

    if (username === correctUsername && password === correctPassword) {

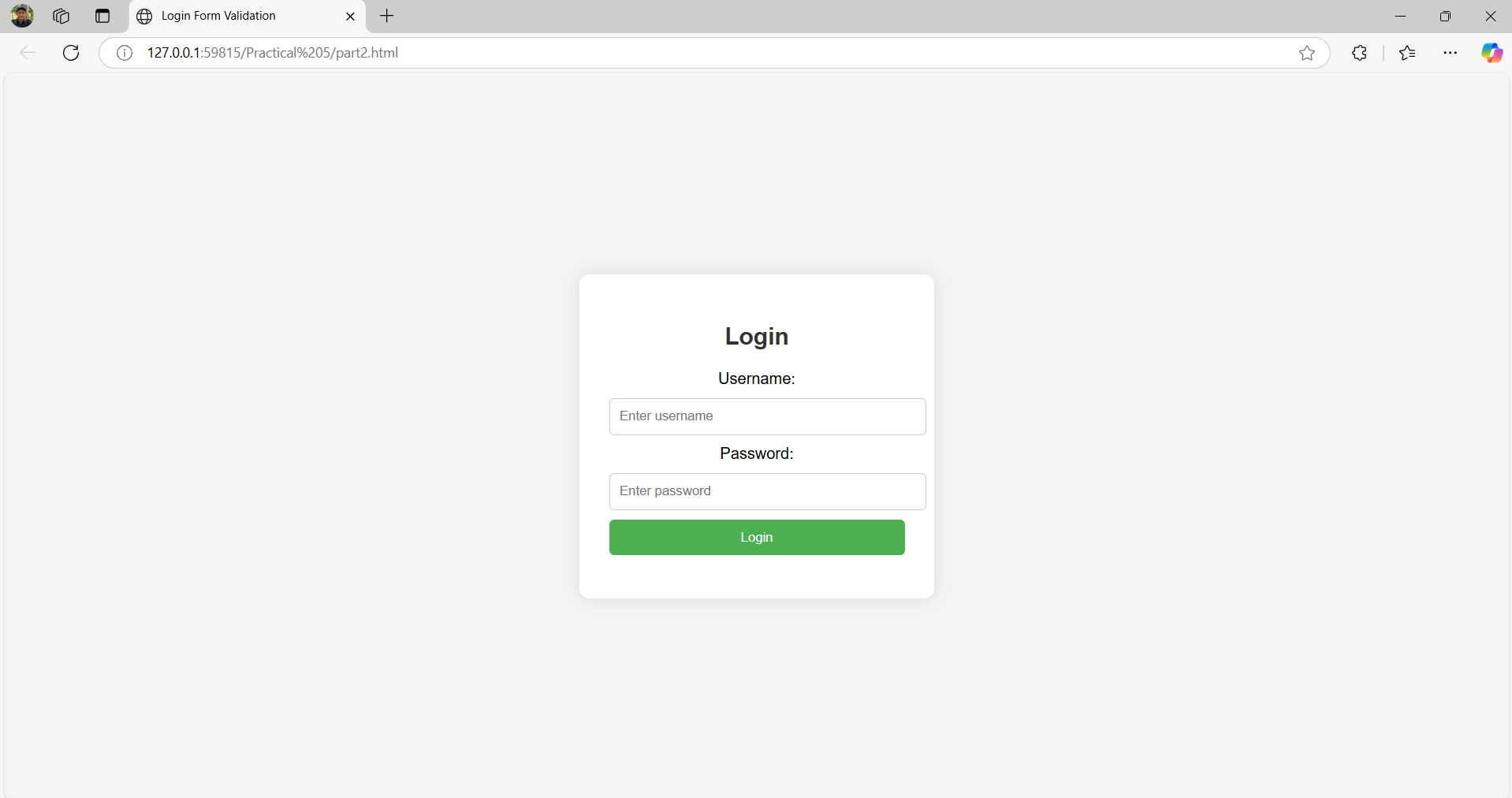
               window.location.href = "https://www.instagram.com/"; // Replace with your desired URL

    } else {

        errorMessage.textContent = "Invalid username or password. Please try again.";

    }

}



**PRACTICAL 06**

**AIM:-** **Write a Java Script code using frames and Events (When a cursor moves over an object it should display the specification of the object in another frame)**

HTML CODE:-

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Object Specification on Hover</title>

    <link rel="stylesheet" href="part1.css">

    <script src="part1.js"></script>

</head>

<body>

    <div class="container">

        <!-- Object frame that will display the clickable items -->

        <div class="object-frame">

            <h3>ProgrammingLanguages</h3>

            <div class="object" id="object1" onmouseover="showSpecification('HTML (HyperText Markup Language) is a markup language used to create and structure web pages. It is a standard language read and interpreted by web browsers. HTML is used to add structure and content to web pages, including 1. Headings and paragraphs: HTML defines headings and paragraphs using specific tags.2. Images and videos: HTML allows you to add images and videos to web pages.3. Links and navigation: HTML defines links and navigation using specific tags. 4. Forms and input fields: HTML enables you to create forms and input fields on web pages. 5. Tables and lists: HTML defines tables and lists using specific tags. ')">

            HTML

            </div>

            <div class="object" id="object2" onmouseover="showSpecification('CSS (Cascading Style Sheets) is a styling language used to control the layout and appearance of web pages written in HTML or XML. CSS is used to separate the presentation of a document from its structure, making it easier to maintain and update the layout and design of a website.')">

                CSS

            </div>

            <div class="object" id="object3" onmouseover="showSpecification(' JavaScript is a high-level, dynamic, and interpreted programming language that is primarily used for client-side scripting on the web. It allows developers to create interactive web pages, web applications, and mobile applications.')">

                JAVA SCRIPTS

            </div>

        </div>

        <!-- Specification frame that will display the details of the hovered object -->

        <div class="specification-frame" id="specificationFrame">

            <h3>Object Specification</h3>

            <p id="specificationText">Hover over an object to see its specification.</p>

        </div>

    </div>

</body>

</html>

**CSS:-**

body {

    font-family: Arial, sans-serif;

    display: flex;

    justify-content: center;

    align-items: center;

    height: 100vh;

    margin: 0;

    background-color: #f4f4f4;

}

.container {

    display: flex;

    width: 80%;

    justify-content: space-between;

}

.object-frame {

    width: 45%;

    padding: 20px;

    text-align: center;

    border: 2px solid #ccc;

    border-radius: 10px;

}

.specification-frame {

    width: 45%;

    padding: 20px;

    text-align: center;

    border: 2px solid #ccc;

    border-radius: 10px;

}

.object {

    margin-top: 20px;

    padding: 20px;

    background-color: #4CAF50;

    color: white;

    border-radius: 5px;

    cursor: pointer;

}

.object:hover {

    background-color: #45a049;

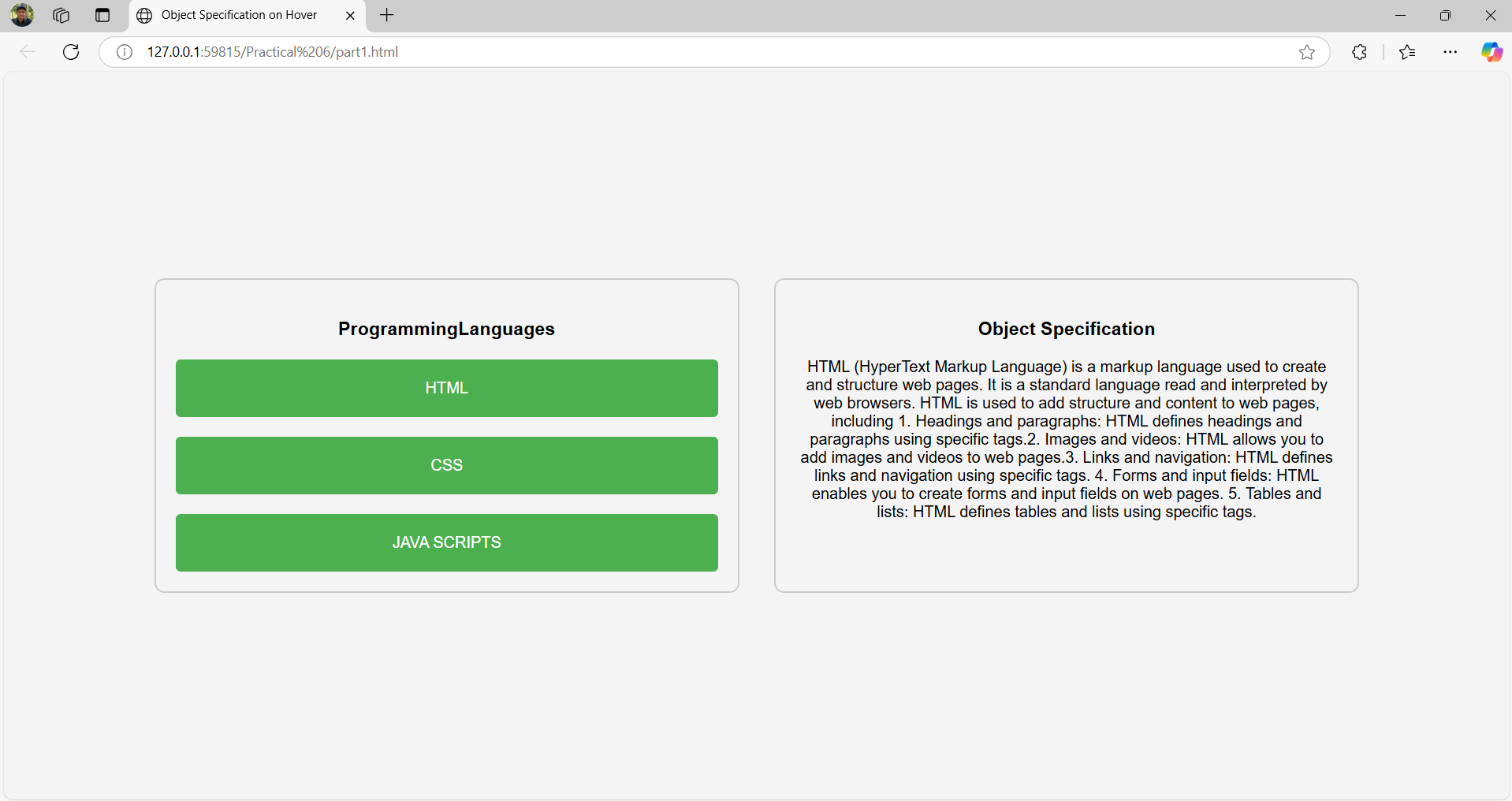
}

**JAVA SCRIPTS:-**

 function showSpecification(specification) {

    var specificationText = document.getElementById("specificationText");

    specificationText.textContent = specification;

}

**PRACTICAL-07**

**AIM-Create a site containing banner advertisement at the top of the page. The ads are changed every 10 or 15seconds.**

**ads.html**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

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

  <title>Ad Banner Rotator</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      margin: 0;

      padding: 0;

      text-align: center;

      background-color: #f8f8f8;

    }

    .banner-container {

      width: 100%;

      max-width: 800px;

      margin: 20px auto;

      border: 2px solid #ddd;

      padding: 10px;

      background-color: #fff;

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

      border-radius: 10px;

    }

    .banner-container img {

      width: 70%;

      max-height: 300px;

      height: auto;

      border-radius: 5px;

    }

    .ad-text {

      margin-top: 10px;

      font-size: 20px;

      color: #ff4500;

      font-weight: bold;

    }

    .play-now, .control-button {

      margin: 10px 5px;

      padding: 10px 20px;

      font-size: 18px;

      background-color: #ff4500;

      color: white;

      border: none;

      cursor: pointer;

      border-radius: 5px;

    }

    .play-now:hover, .control-button:hover {

      background-color: #d93d00;

    }

    .controls {

      margin-top: 15px;

    }

  </style>

</head>

<body>

  <div class="banner-container">

    <a id="banner-link" href="3.jpg" target="\_blank">

      <img id="banner-img" src="3.jpg" alt="Ad Banner">

    </a>

    <div id="ad-text" class="ad-text">📘 Learn Smarter with unacademy App</div>

    <a id="button-link" href="flipkart.jpg" target="\_blank">

      <button class="play-now">⚡Learn now </button>

    </a>

    <div class="controls">

      <button class="control-button" onclick="prevAd()">⏪ Previous</button>

      <button class="control-button" onclick="toggleAutoPlay()" id="toggle-btn">⏸ Pause</button>

      <button class="control-button" onclick="nextAd()">⏩ Next</button>

    </div>

  </div>

  <script>

    let ads = [

      {

        img: "iconic.jpg",

        text: "💥unacademy learners",

        link: "iconic.jpg"

      },

      {

        img: "download.jpg",

        text: "📘 Learn Smarter with unacademy App",

        link: "download.jpg"

      },

      {

        img: "Unacademy1.jpeg",

        text: "50 % off courses",

        link: "Unacademy1.jpeg"

      }

    ];

    let currentAdIndex = 0;

    let autoPlay = true;

    let interval = setInterval(changeAd, 15000);

    function updateAd() {

      let ad = ads[currentAdIndex];

      document.getElementById("banner-img").src = ad.img;

      document.getElementById("ad-text").textContent = ad.text;

      document.getElementById("banner-link").href = ad.link;

      document.getElementById("button-link").href = ad.link;

    }

    function changeAd() {

      currentAdIndex = (currentAdIndex + 1) % ads.length;

      updateAd();

    }

    function nextAd() {

      currentAdIndex = (currentAdIndex + 1) % ads.length;

      updateAd();

    }

    function prevAd() {

      currentAdIndex = (currentAdIndex - 1 + ads.length) % ads.length;

      updateAd();

    }

    function toggleAutoPlay() {

      autoPlay = !autoPlay;

      const btn = document.getElementById("toggle-btn");

      if (autoPlay) {

        interval = setInterval(changeAd, 15000);

        btn.textContent = "⏸ Pause";

      } else {

        clearInterval(interval);

        btn.textContent = "▶ Play";

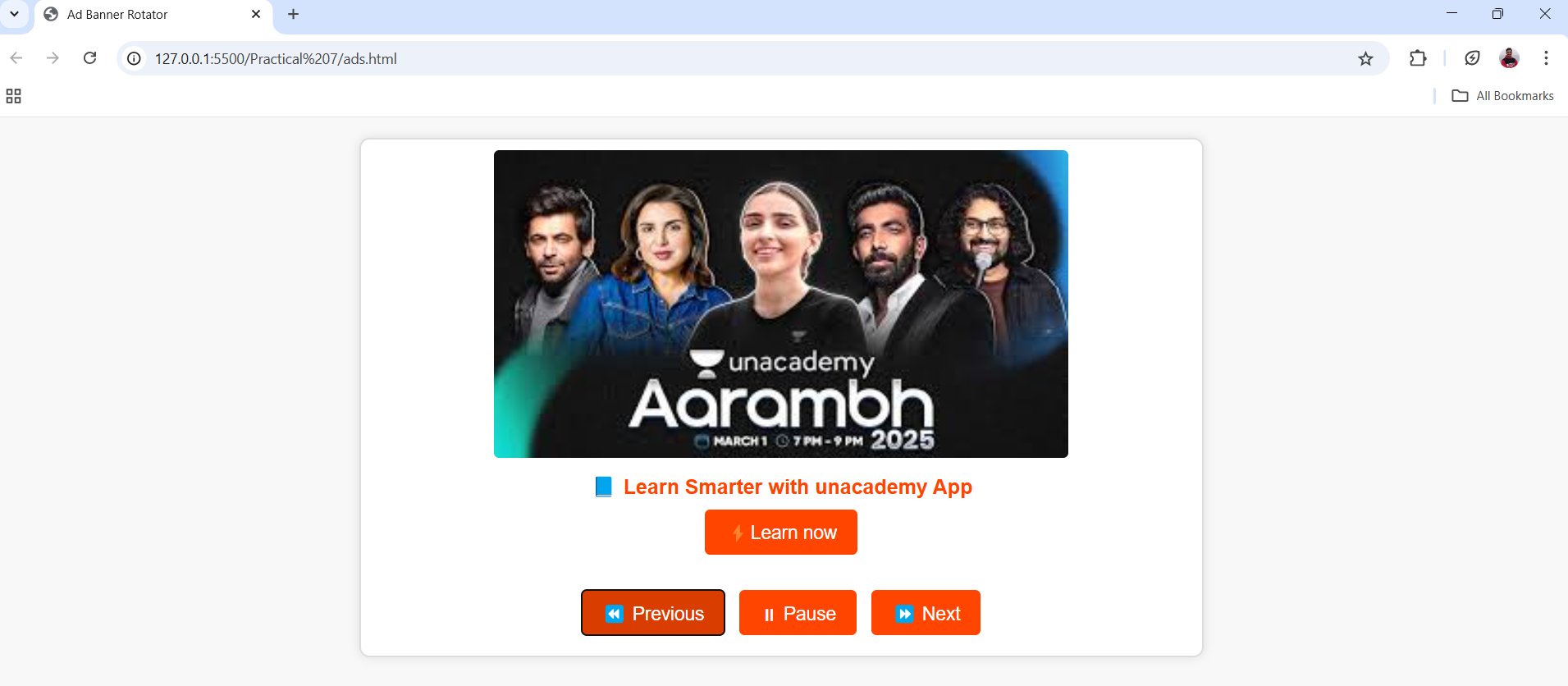
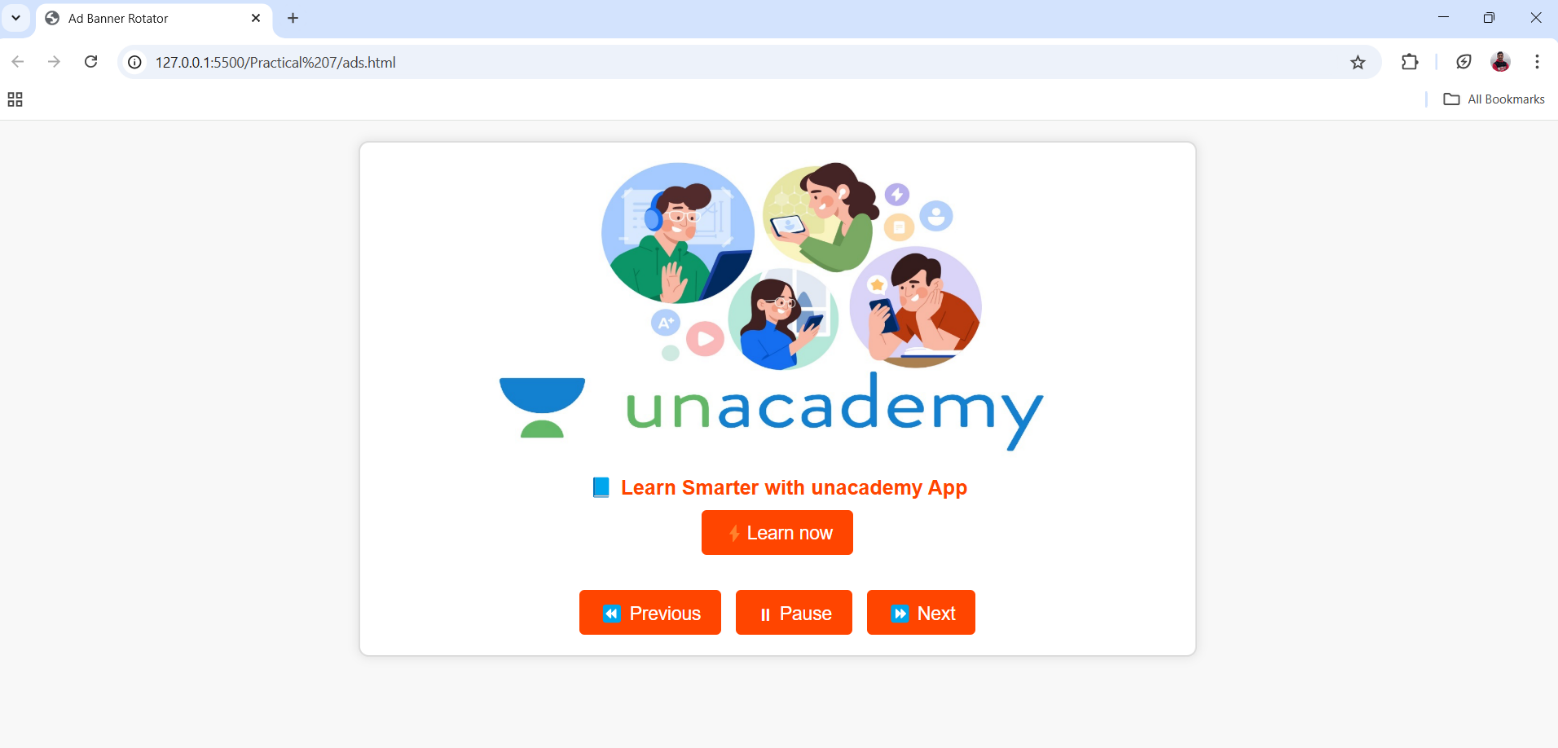
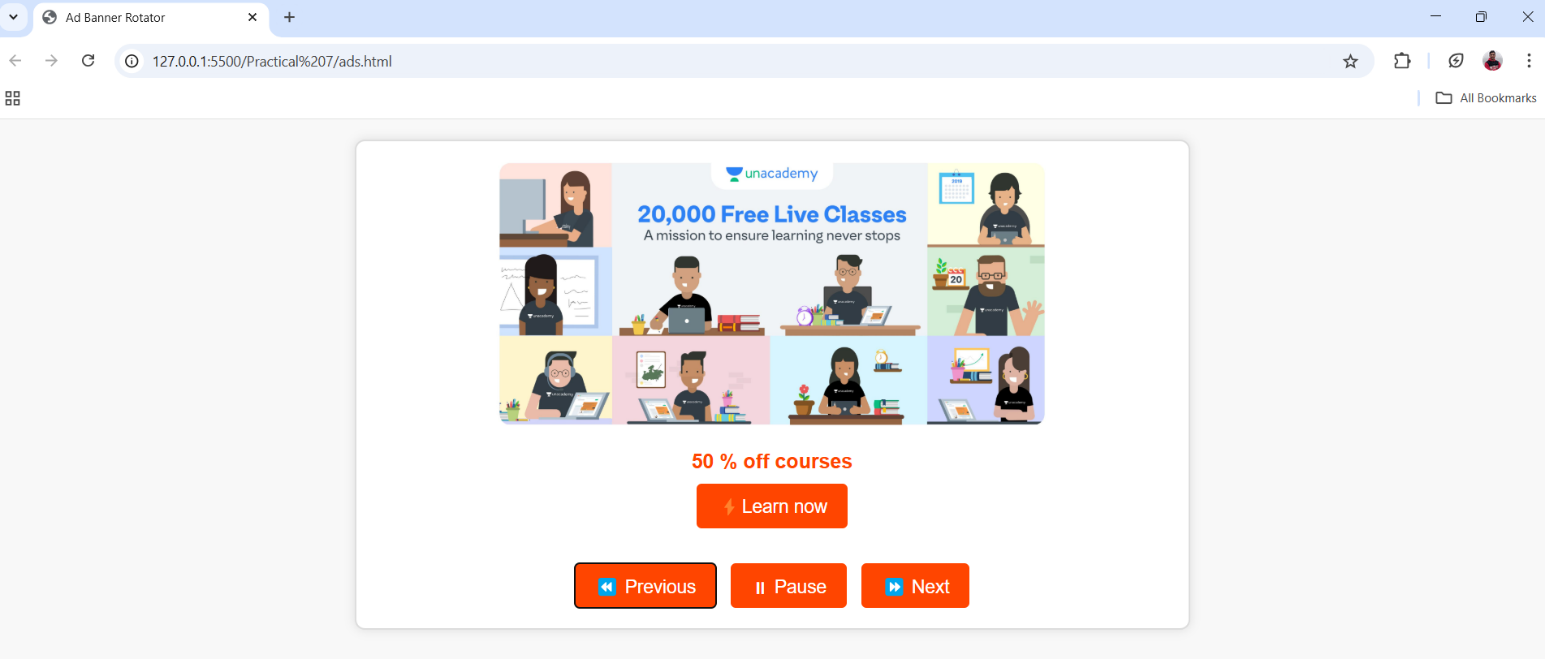
      }

    }

  </script>

</body>

</html>



# 

**PRACTICAL-08**

**Aim- Write Jquery Program for Count the number of milliseconds between the two click events on a paragraph.**

**countnumber.html**

<!DOCTYPE html>

<html>

<head>

<title>Click Time Difference</title>

</head>

<body>

<p id="text" style="cursor:pointer; background:yellow; padding:15px;">

MS Dhoni, India's legendary captain, led the team to World Cup victories in 2007 and 2011. Known for his calmness and finishing skills, he also guided CSK to multiple IPL titles. He retired in 2020 but remains an inspiration. MS Dhoni holds the honorary rank of Lieutenant Colonel in the Parachute Regiment of the Indian Territorial Army. He was awarded this rank in 2011, recognizing his contributions to cricket and leadership. In 2007, Dhoni was appointed captain of the captain of the Indian team and served as the captain of all formats from 2008. He captained the Indian team in 332 matches including 200 ODIs and was one of the most prolific and successful captains of all time. </p>

<p id="result"></p>

<script>

let firstClick = 0;

document.getElementById("text").onclick = function() { let now = Date.now();

if (firstClick === 0) { firstClick = now;

document.getElementById("result").innerText = "First click done. Click again!";

} else {

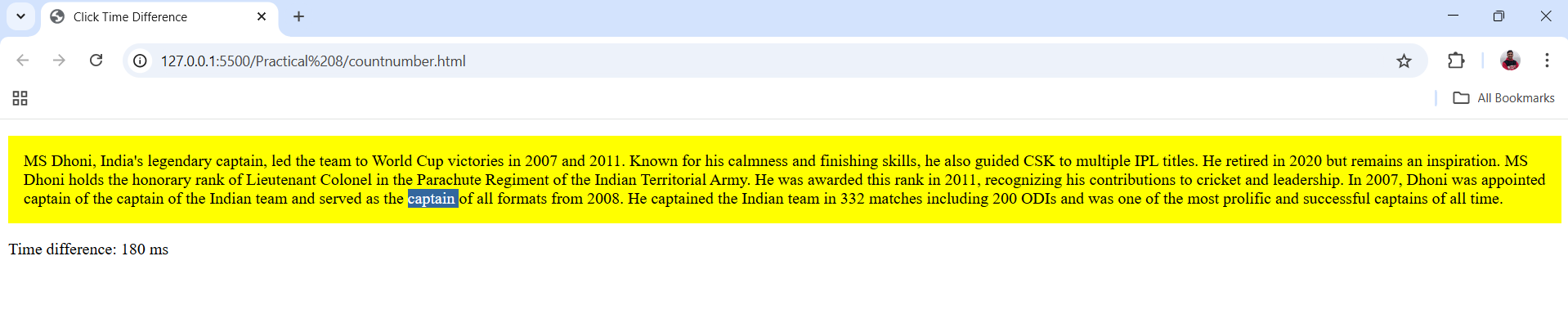
let diff = now - firstClick;

document.getElementById("result").innerText = "Time difference: " + diff + " ms"; firstClick = 0;

} };

</script>

</body>

</html>

**PRACTICAL-09**

**AIM- Write Jquery Program for Fade in and fade out all division elements.**

<!DOCTYPE html>

<html>

<head>

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

</head>

<body>

<div class="box" style="background:hsla(0, 100%, 50%, 0.255);"></div>

<div class="box" style="background:rgba(0, 0, 255, 0.451);"></div>

<div class="box" style="background:rgb(241, 203, 13);"></div>

<div class="box" style="background:rgb(0, 102, 255);"></div>

<br><br>

<button onclick="$('.box').fadeToggle(500)">Fade In/Out</button>

<style>

.box {

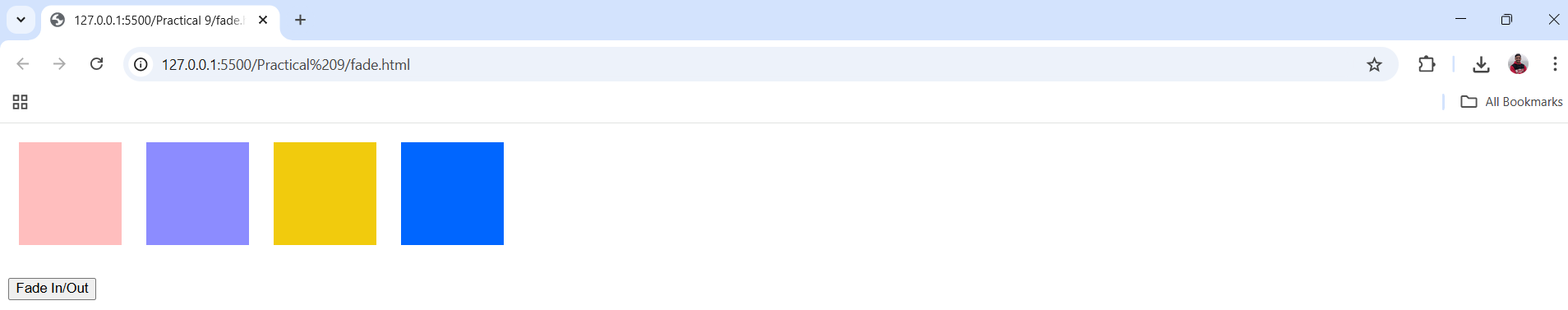
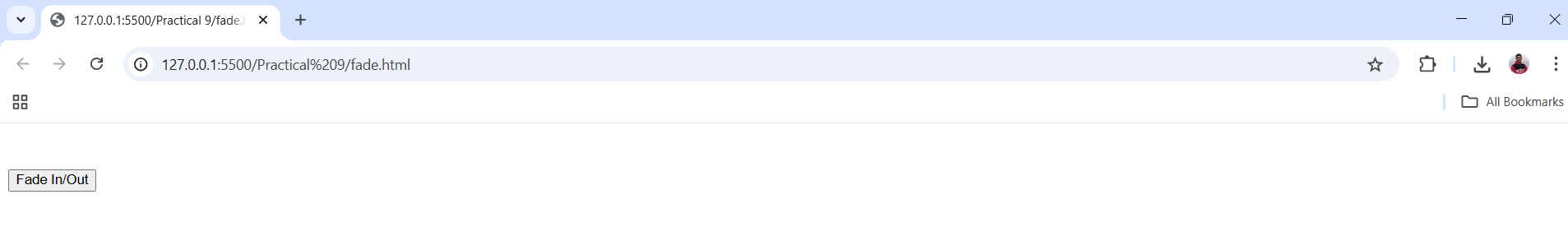
width: 100px; height: 100px; display: inline-block; margin: 10px;

}

</style>

</body>

</html>



**PRACTICAL-10**

**AIM- Write Jquery Program for Disable/enable the form submit button & Blink the text.**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Smart Form Validation</title>

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

<style>

body {

background: linear-gradient(to right, #0f0c29, #302b63, #24243e);

color: #fff; height: 100vh;

display: flex; justify-content: center; align-items: center;

}

.container {

background: rgba(255, 255, 255, 0.05);

padding: 30px 40px;

border-radius: 15px; box-shadow: 0 0 20px rgba(255, 255, 255, 0.1);

text-align: center; width: 350px;

}

.container h1 {

font-size: 26px; margin-bottom: 10px; color: #f4f4f4;

}

.container p {

font-size: 14px; margin-bottom: 20px; color: #86ba0c;

}

input, button {

padding: 12px 20px; margin: 15px 0;

border-radius: 10px; font-size: 16px; width: 100%;

}

button:disabled {

background-color: #3feb0a; color: #fffafa;

}

button:enabled {

background-color: #00b894; color: white;

cursor: pointer; box-shadow: 0 0 10px #2d2f2f;

}

.blink {

font-weight: bold; font-size: 18px;

margin-bottom: 10px; color: #06ff82;

animation: blinkColor 1s infinite alternate; text-shadow: 0 0 8px #ff3838;

}

@keyframes blinkColor {

from {

color: #b7d90c;

}

to {

color: #fff;

}

}

.icon {

font-size: 40px; margin-bottom: 10px;

}

</style>

</head>

<body>

<div class="container">

<div class="icon">🧠</div>

<h1>Smart Input Form</h1>

<p>This form checks your input and enables the button only when you're ready 🚀</p>

<div class="blink" id="blink-text">⚠️Please enter something!</div>

<input type="text" id="userInput" placeholder="Type something cool...">

<button id="submitBtn" disabled>Submit ✅</button>

</div>

<script>

$(document).ready(function () {

$('#userInput').on('input', function () {

let inputVal = $(this).val().trim();

if (inputVal.length > 0) {

$('#submitBtn').prop('disabled', false);

$('#blink-text').hide();

} else {

$('#submitBtn').prop('disabled', true);

$('#blink-text').show();

}

});

$('#submitBtn').on('click', function () {

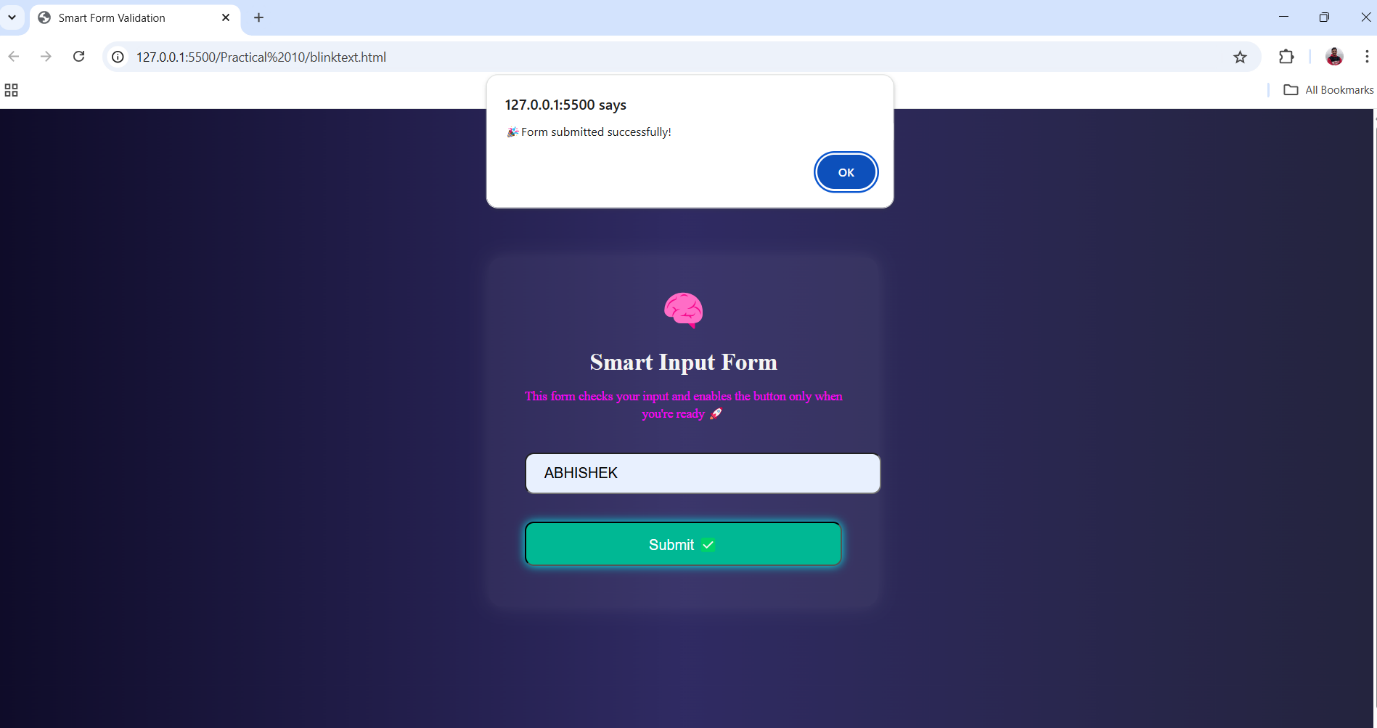
alert("🎉Form submitted successfully!");

});

});

</script>

</body>

</html>

**PRACTICAL-11**

**AIM- Write a JSP code to manipulate cookies.**

**Prac.jsp -**

<%@ page contentType="text/html; charset=UTF-8" %>

<%

// Create a cookie named "username" with the value " Abhishek " Cookie c = new Cookie("username", " Abhishek ");

// Set the cookie to expire after 1 day (60 seconds × 60 minutes × 24 hours) c.setMaxAge(60 \* 60 \* 24);

// Send the cookie to the browser response.addCookie(c);

%>

<p>Cookie has been set: username = Abhishek </p>

<a href="read.jsp">Read Cookie</a>

**Read.jsp -**

<%@ page contentType="text/html; charset=UTF-8" %>

 <%

 // Get all cookies from the request

 Cookie[] cookies = request.getCookies();

 // Default message if cookie is not found

 String name = "Cookie not found";

 // If cookies exist, check for the one named "username"

 if (cookies != null) {

 for (Cookie c : cookies) {

 if (c.getName().equals("username")) {

 name = c.getValue(); // Get the value of the cookie

 }

 }

 }

%>

 <!-- Display the cookie value -->

 <p>Cookie value: <strong><%= name %></strong></p>

 <a href="delete.jsp">Delete

**Delete.jsp**

<%@ page contentType="text/html; charset=UTF-8" %>

<%

 // To delete the cookie, set its max age to 0

 Cookie c = new Cookie("username", "");

 c.setMaxAge(0); // Immediately expires the cookie

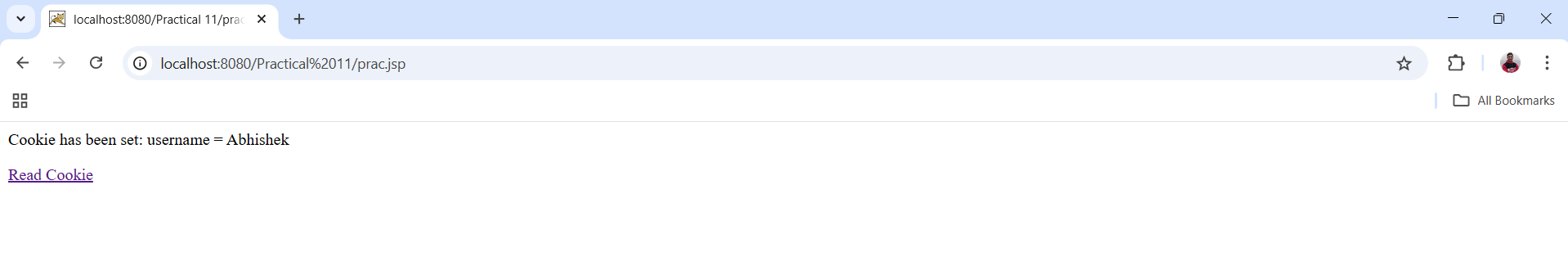
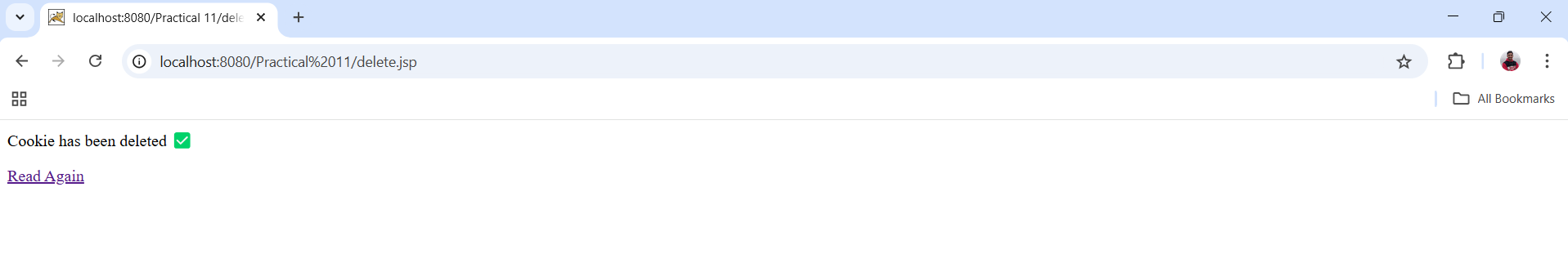
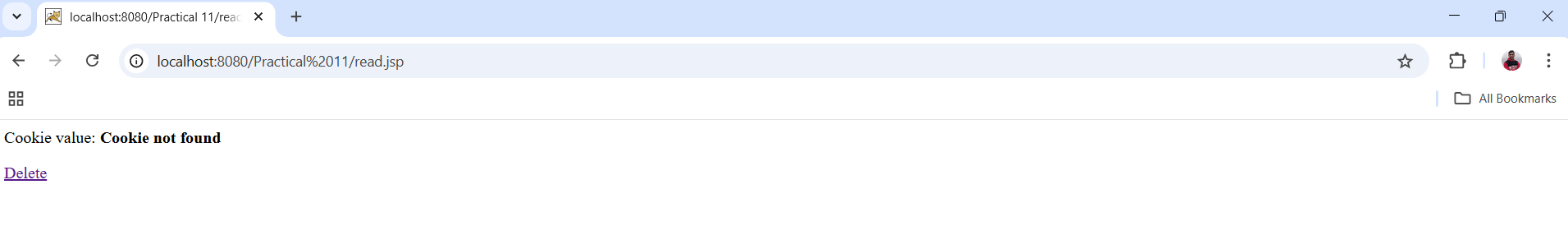
 response.addCookie(c); // Send the updated cookie to the browser

%>

<!-- Display message -->

<p>Cookie has been deleted ✅</p>

<a href="read.jsp">Read Again</a>

** **

**PRACTICAL-12**

**AIM- Collect the definitions of 5 items in Open Source. These definitions are stored in two string arrays name and defn. Write a JSP which has these two arrays and supplies the definition on request. Write a HTML document which gets the user input of the name of the item and sends the request to the JSP.**

**Source.html-**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Search Open Source Items</title>

</head>

<body>

    <h2>Enter Names of Open Source Technologies</h2>

    <form action="def.jsp" method="get">

        Item 1: <input type="text" name="itemName1"><br><br>

        Item 2: <input type="text" name="itemName2"><br><br>

        Item 3: <input type="text" name="itemName3"><br><br>

        Item 4: <input type="text" name="itemName4"><br><br>

        Item 5: <input type="text" name="itemName5"><br><br>

        <input type="submit" value="Get Definitions">

    </form>

</body>

</html>

**Def.jsp-**

<%@ page contentType="text/html; charset=UTF-8" language="java" %>

<html>

<head>

    <title>Open Source Definitions</title>

</head>

<body>

<h2>Enter Names of Open Source Technologies</h2>

<form method="get">

    Item 1: <input type="text" name="itemName1"><br><br>

    Item 2: <input type="text" name="itemName2"><br><br>

    Item 3: <input type="text" name="itemName3"><br><br>

    Item 4: <input type="text" name="itemName4"><br><br>

    Item 5: <input type="text" name="itemName5"><br><br>

    <input type="submit" value="Get Definitions">

</form>

<hr>

<%

    String[] names = {"HTML", "MySQL", "CSS", "Python", "JavaScript"};

    String[] defn = {

        "HTML is the fundamental language for creating web pages.",

        "MySQL is a relational database management system.",

        "CSS is a stylesheet language used to describe the presentation of a document written in HTML or XML.",

        "Python is a high-level programming language.",

        "JavaScript is a versatile, dynamic programming language primarily used to add interactivity and dynamism to web pages and applications."

    };

    for (int i = 1; i <= 5; i++) {

        String itemName = request.getParameter("itemName" + i);

        if (itemName != null && !itemName.trim().isEmpty()) {

            boolean found = false;

            for (int j = 0; j < names.length; j++) {

                if (names[j].equalsIgnoreCase(itemName.trim())) {

                    out.println("<p><strong>" + names[j] + "</strong>: " + defn[j] + "</p>");

                    found = true;

                    break;

                }

            }

            if (!found) {

                out.println("<p style='color:red;'><strong>" + itemName + "</strong>: No definition found.</p>");

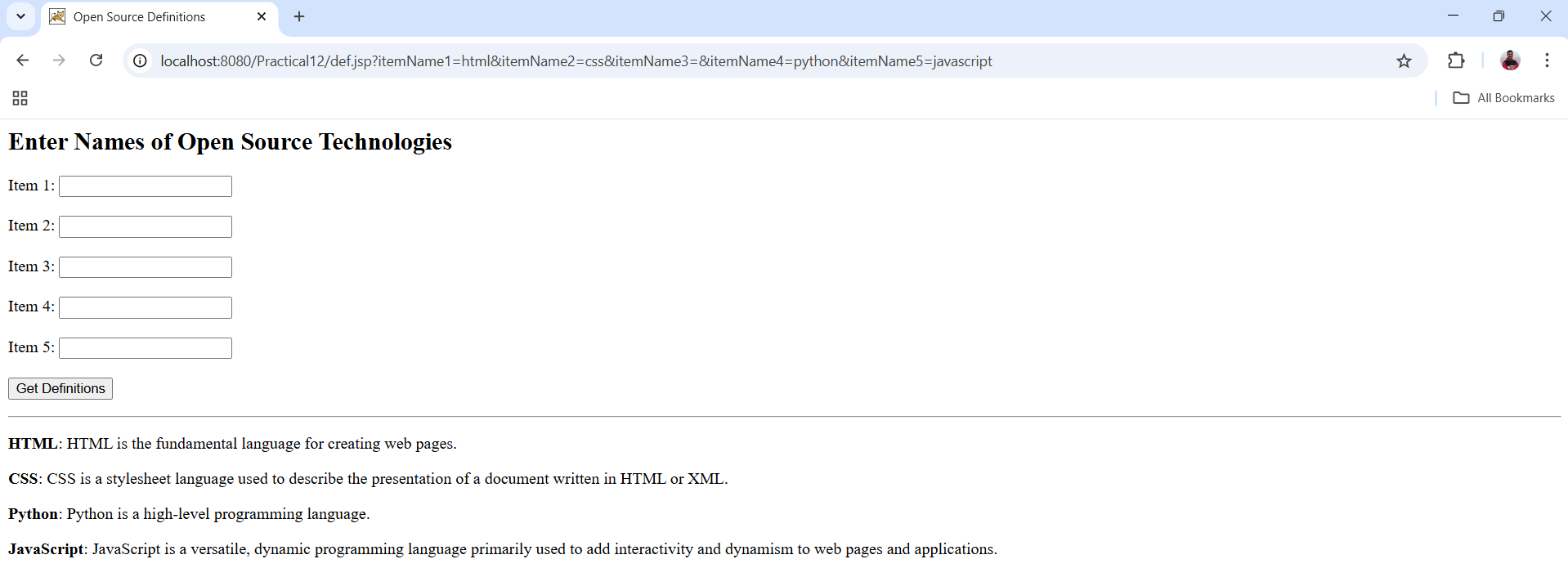
            }

        } }

%>

</body>

</html>



**PRACTICAL-13**

**AIM-**  **Write a JSP code to upload data from client side**

**clint.html-**

<!DOCTYPE html>

<html>

<head>

<title>Data Upload Form</title>

</head>

<body>

<h2>Student Information</h2>

<form action="upload.jsp" method="post">

Name: <input type="text" name="name"><br><br> Roll No: <input type="text" name="roll"><br><br>

Course: <input type="text" name="course"><br><br> Email: <input type="text" name="email"><br><br>

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

</form>

</body>

</html>

**Clint.jsp-**

<%@ page contentType="text/html; charset=UTF-8" language="java" %>

<html>

<head>

<title>Data Uploaded</title>

</head>

<body>

<h2>Uploaded Data:</h2>

<p><strong>Name:</strong>

<%= request.getParameter("name") %>

</p>

<p><strong>Roll No:</strong>

<%= request.getParameter("roll") %>

</p>

<p><strong>Course:</strong>

<%= request.getParameter("course") %>

</p>

<p><strong>Email:</strong>

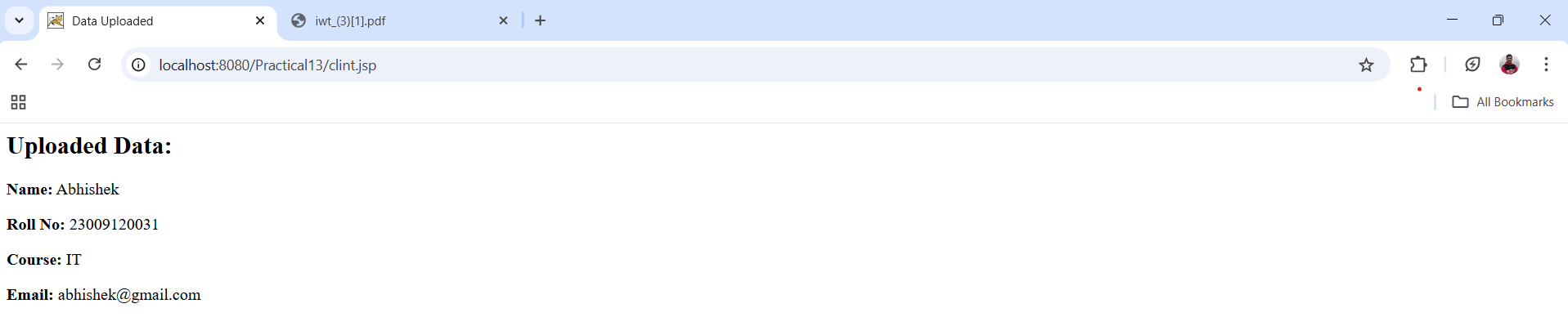
<%= request.getParameter("email") %>

</p>

</body>

</html>





**PRACTICAL-14**

**AIM- Write a program to check how many users have visited a website. Use Application object.**

**visitors.html-**

<!DOCTYPE html>

<html>

<head>

<title>My Simple Website</title>

</head>

<body>

<h1>Welcome to My Website</h1>

<p>Please enter your details below:</p>

<form action="visitors.jsp" method="post">

Name: <input type="text" name="name" required><br><br> Email: <input type="email" name="email"

required><br><br>

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

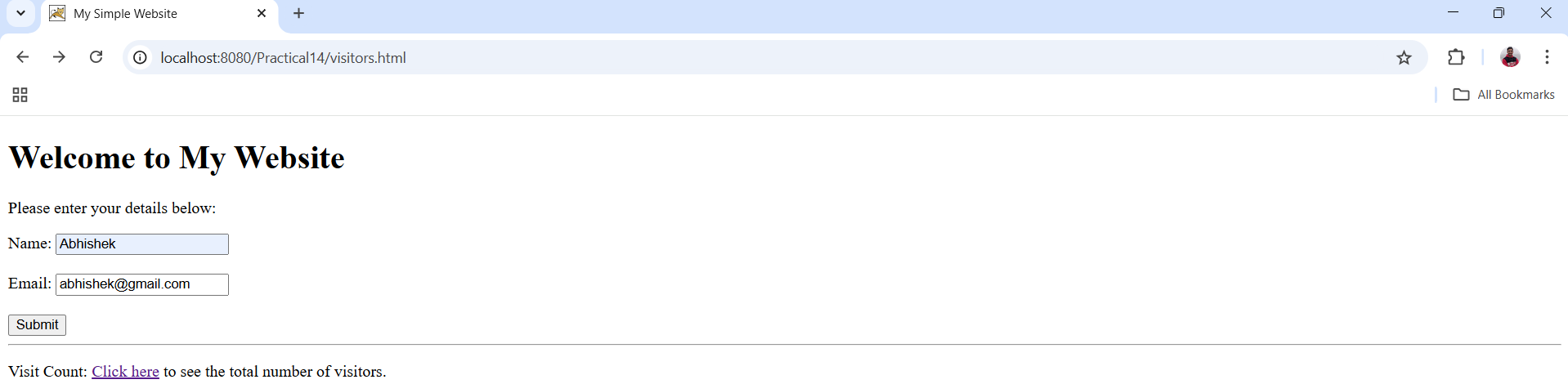
</form>

<hr>

<p>Visit Count: <a href="visitors.jsp">Click here</a> to see the total number of visitors.</p>

</body>

</html>



**visitors.jsp-**

<%@ page contentType="text/html; charset=UTF-8" language="java" %>

<html>

<head>

<title>Visitor Count</title>

</head>

<body>

<h2>Total Visitor Count</h2>

<%

// Retrieve the current visitor count from the application scope

Integer visitorCount = (Integer) application.getAttribute("visitorCount");

// If this is the first visitor, initialize the count to 0

if (visitorCount == null) {

visitorCount = 0;

}

// Increment the count for every new visitor

visitorCount++;

// Save the updated count back into the application scope

application.setAttribute("visitorCount", visitorCount);

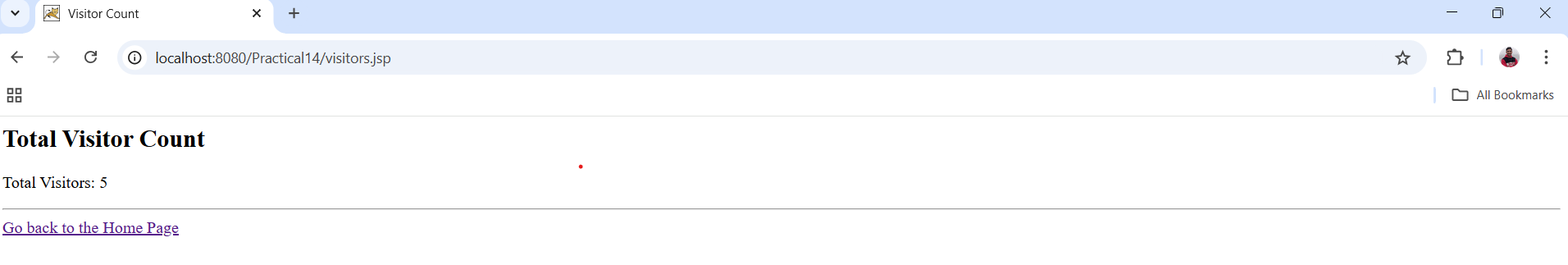
// Display the visitor count

out.println("<p>Total Visitors: " + visitorCount + "</p>");

%>

<hr>

<a href="visitors.html">Go back to the Home Page</a>

</body>

**PRACTICAL-15**

**AIM-Write a Code in Java Script to count number of times you move over a link or record.**

**move.html-**

<!DOCTYPE html>

<html>

<head>

<title>Hover Count</title>

</head>

<body>

<a href="#" id="link">Hover over me!</a>

<p>Hovered <span id="count">0</span> times.</p>

<script>

let count = 0;

document.getElementById('link').addEventListener('mouseover', () => {

document.getElementById('count').textContent = ++count;

});

</script>

</body>

</html>

