***Manav Rachna International Institute of Research and Studies***

***School of Computer Applications***

***Department of Computer Applications***

| ***Submitted By*** | |
| --- | --- |
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|  | |
| ***Submitted To*** | |
| ***Faculty Name*** | ***Mrs. Sakshi*** |

 **SCHOOL OF COMPUTER APPLICATIONS**

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|  | Create a simple HTML page using basic tags. |  |
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|  | Create a web page and show the output from 1 to 10 in separate lines. |  |
|  | Create a web page and show the output from 1 to 10 in separate lines, each number being in different color. |  |
|  | How do I make a picture as a background on my web pages? |  |
|  | Create a web page to print a paragraph with 4-5 sentences, each sentence shall have a different font. |  |
|  | Write HTML code to print a paragraph that is description of a book, it shall include the title of the book, its author name; name and title should be underlined and all adjectives shall be bold and Italics. |  |
|  | Write HTML code to print your name using Heading tag, every letter shall be of different heading size. |  |
|  | Write HTML code to print the sequence of numbers 1-20. Each number shall be in different line with number 2 next to it as subscript, an equal sign and the result. |  |
|  | Write HTML code to display an image with border of size with width 200, height 200 pixels, leaving Hspace and Vspace of your choice with image hanging in the right side on the screen. |  |
|  | Write HTML code to create a web page with heading. The heading shall be displayed at the top-center of the page and the image shall be at the centre, just below the heading. |  |
|  | Write HTML code using Multimedia tags. |  |
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|  | Write a program in JavaScript to swap two images using on mouseover event. |  |
|  | Write a simple JavaScript program to sort an array |  |
|  | Write a JavaScript program to take as input three numbers from the user. Find the minimum and maximum of the three numbers. Print the following output in BOLD in the following format:  MINIMUM =        MAXIMUM = |  |

Q1

Create a simple HTML page using basic tags.

Input:

<html>

<head>

<title>FIRST CODE</TITLE>

</HEAD>

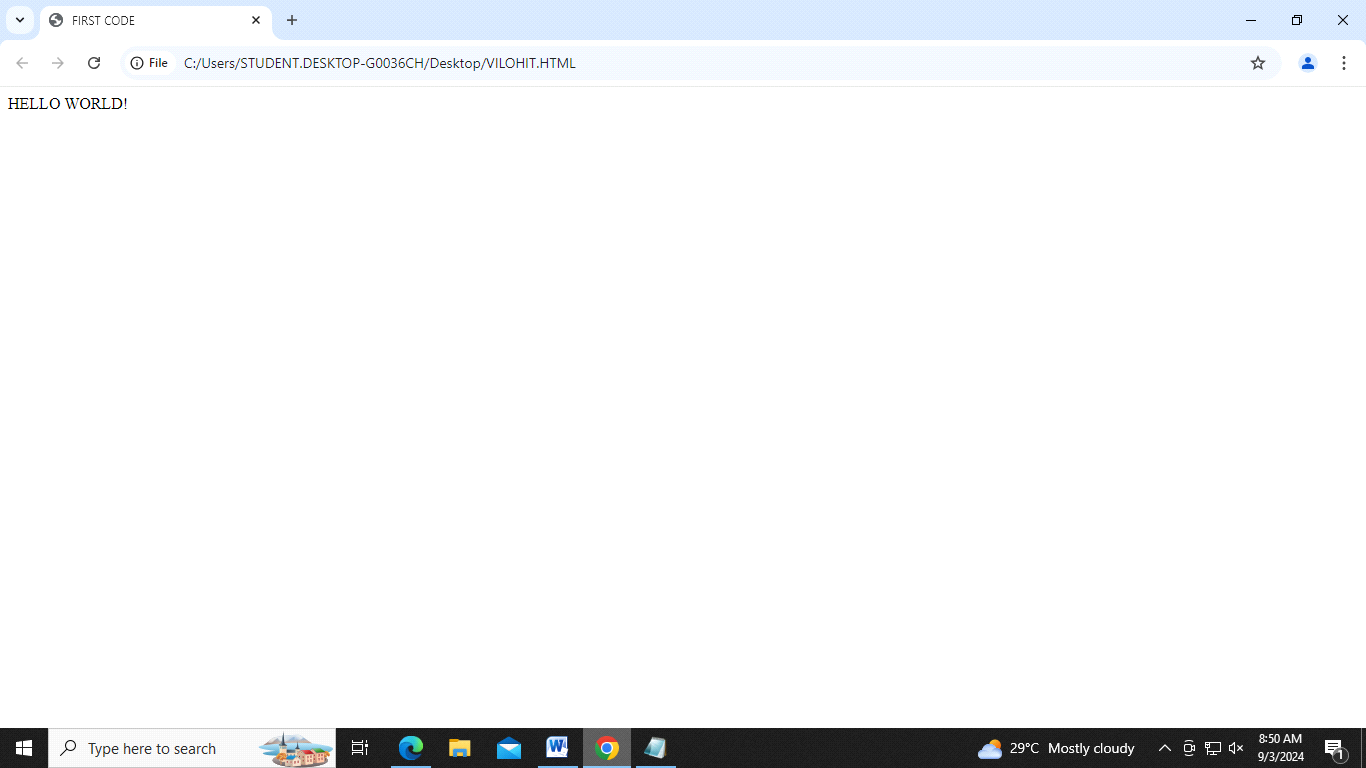
<BODY>

HELLO WORLD!

</bodyY>

</html>

Output:



Q2. Create a web page that displays your name to the screen .

Input:

<html>

<head>

<title>FIRST CODE</TITLE>

</Head>

<body>

VILOHIT

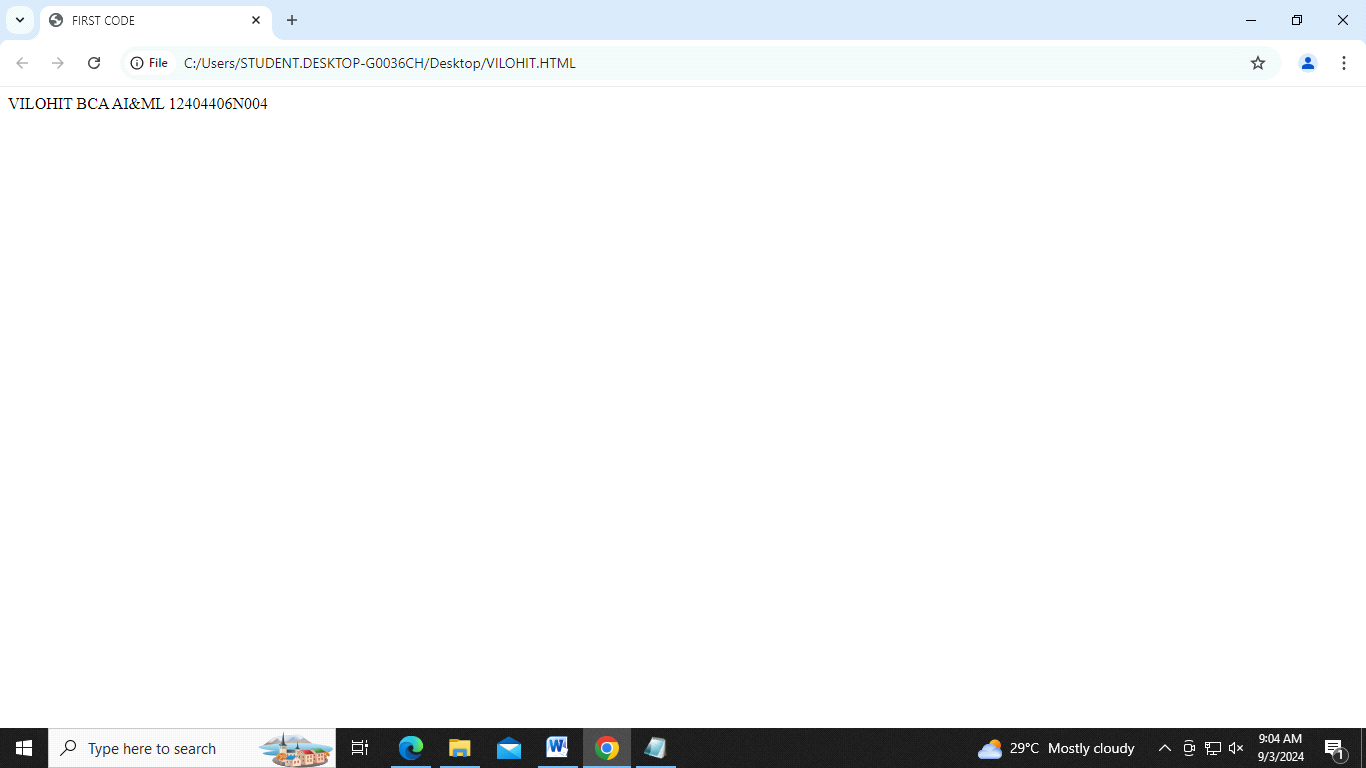
BCA AI&ML

12404406N004

</body>

</html>

Output:



Q3. Create a web page and show the output from 1 to 10 in separate lines.

Input:

<html>

<head>

<TITLE>question 3 </TITLE>

</head>

<body>

1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10

</body>

</html>

Output:



Q4 Create a web page and show the output from 1 to 10 in separate lines,each number being in a different colour.

Input:

<html>

<headd>

<Title>FIRST CODE</TITLE>

</head>

<Body>

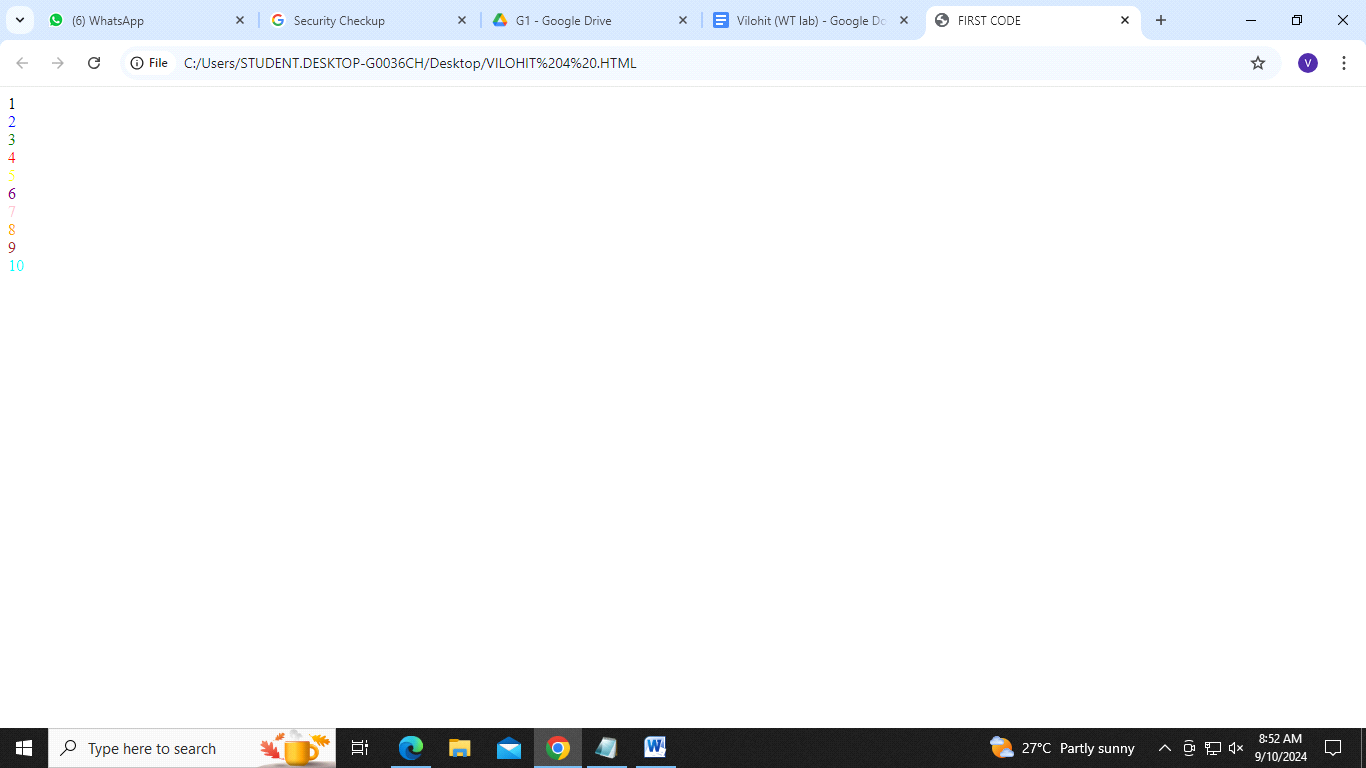
1<br><font colour='blue'>2<br><font colour='green'>3<br><font colour='red'>4<br><font colour='yellow'>5<br><font colour='purple'>

6<br><font colour='pink'>7<br><font colour='orange'>8<br><font colour='brown'>9<br><font colour='cyan'>10

</body>

</html>

Output:



Q5. How do I make a picture as a background on my web pages ?

Input:

<html>

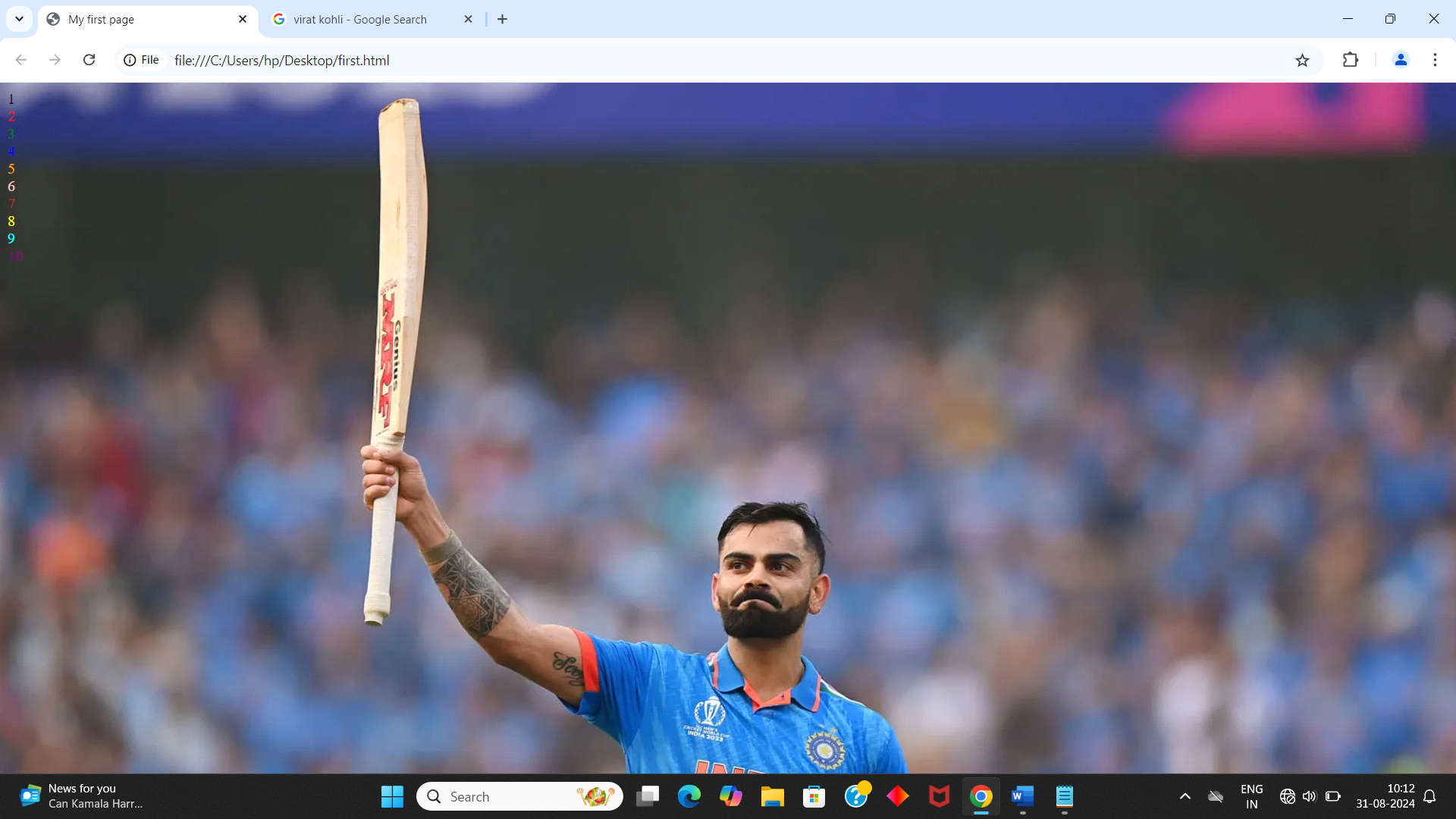
<head><title>My first page </title>

</head>

<body background="https://cdn.britannica.com/48/252748-050-C514EFDB/Virat-Kohli-India-celebrates-50th-century-Cricket-November-15-2023.jpg"> 1<br><font color='red'>2<br><font color='green'>3<br><font color='blue'>4<br><font color='orange'>5<br><font color='pink'>6<br><font color='brown'>7<br><font color='yellow'>8<br><font color='cyan'>9<br><font color='purple'>10</body>

</html>

Output:



Q6. Create a web page to print a paragraph with 4-5 sentences, each sentence shall have a different font.

Input:

<html>

<head><title>My first page </title>

</head>

<body><font face="arial">Cricket is a bat-and-ball game that is played between two teams of eleven players on a field,<br></font>

<font face="georgia">at the centre of which is a 22-yard (20-metre; 66-foot) pitch with a wicket at each end,<br></font>

<font face="impact">each comprising two bails balanced on three stumps.<br></font>

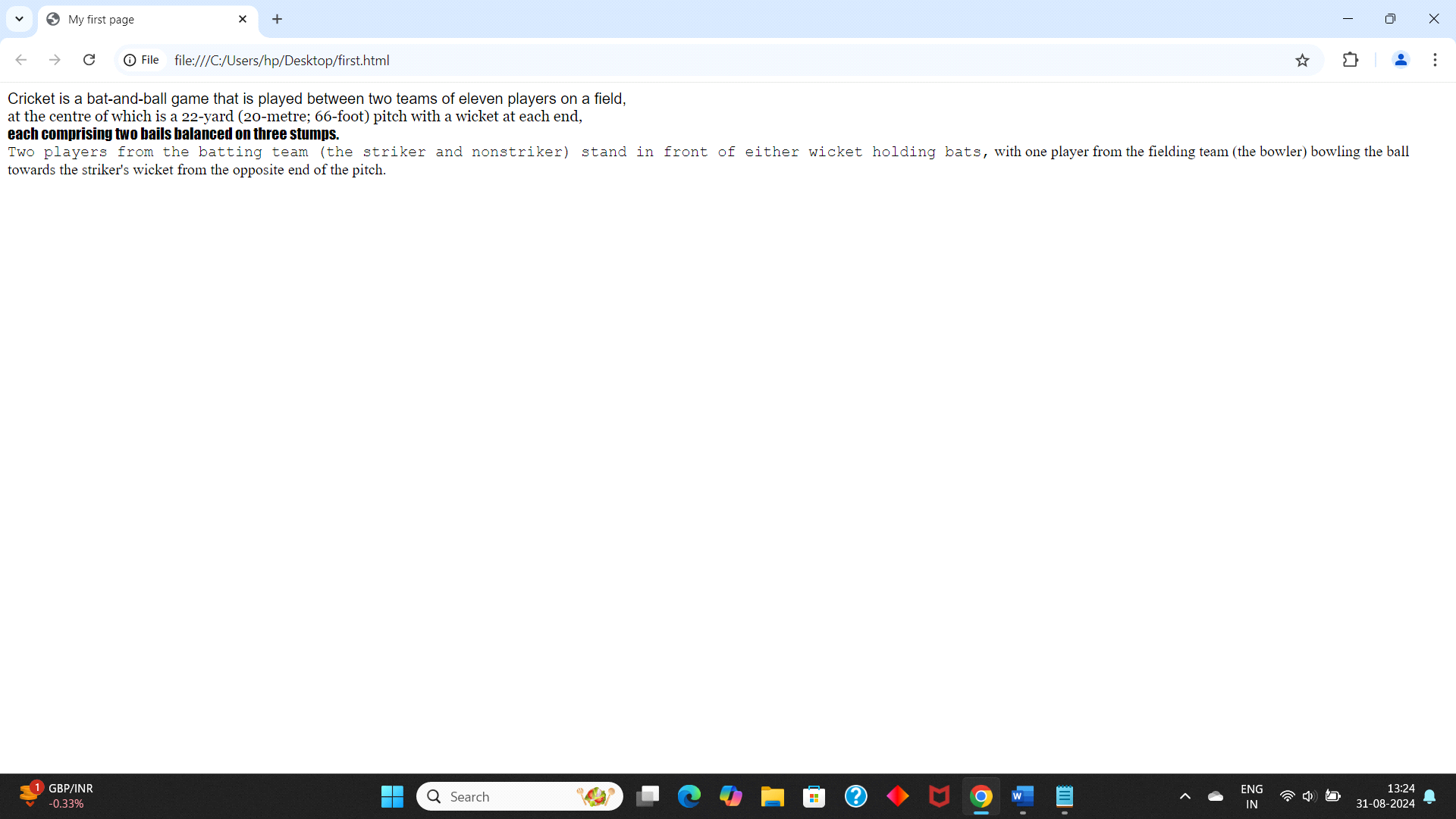
<font face="courier">Two players from the batting team (the striker and nonstriker) stand in front of either wicket holding bats,</font>

<font face="gill sans">with one player from the fielding team (the bowler) bowling the ball towards the striker's wicket from the opposite end of the pitch.</font>

</body>

</html>

Output:



Question – 7

Write HTML code to print a paragraph that is description of a book, it shall include the title of the book, its author name; name and title should be underlined and all adjectives shall be bold and italics.

Input:

<html>

<head>

<title>Student Information</title>

</head>

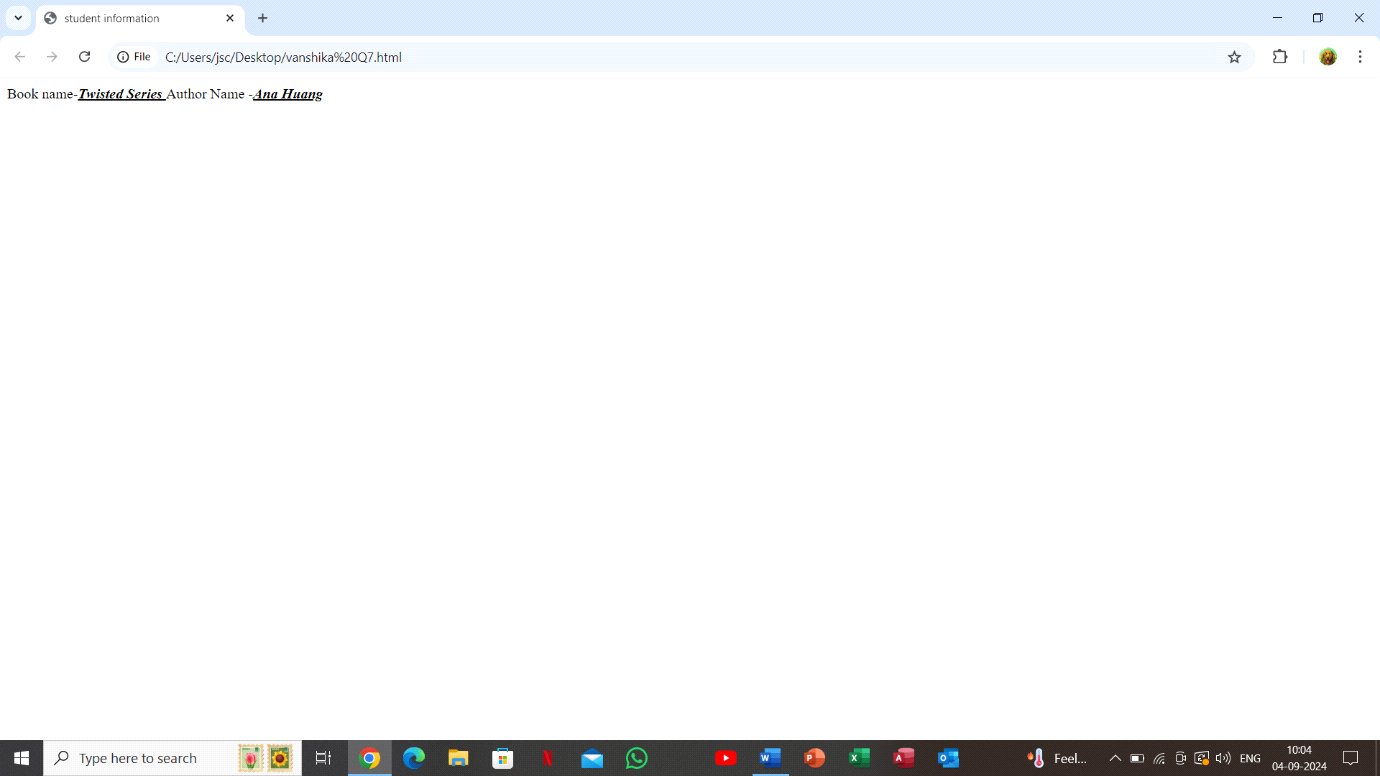
<body style="background - color: light blue;">

<p>Book name - <b><u><i>twisted series</b></u></i>Author name-<b><u><i>Ana Huang</b></u></i></p>

</body>

</html>

Output:



Q8. Write HTML code to print your name using Heading tag, every letter shall be of different heading size.

Input:

<html>

<head>

</head>

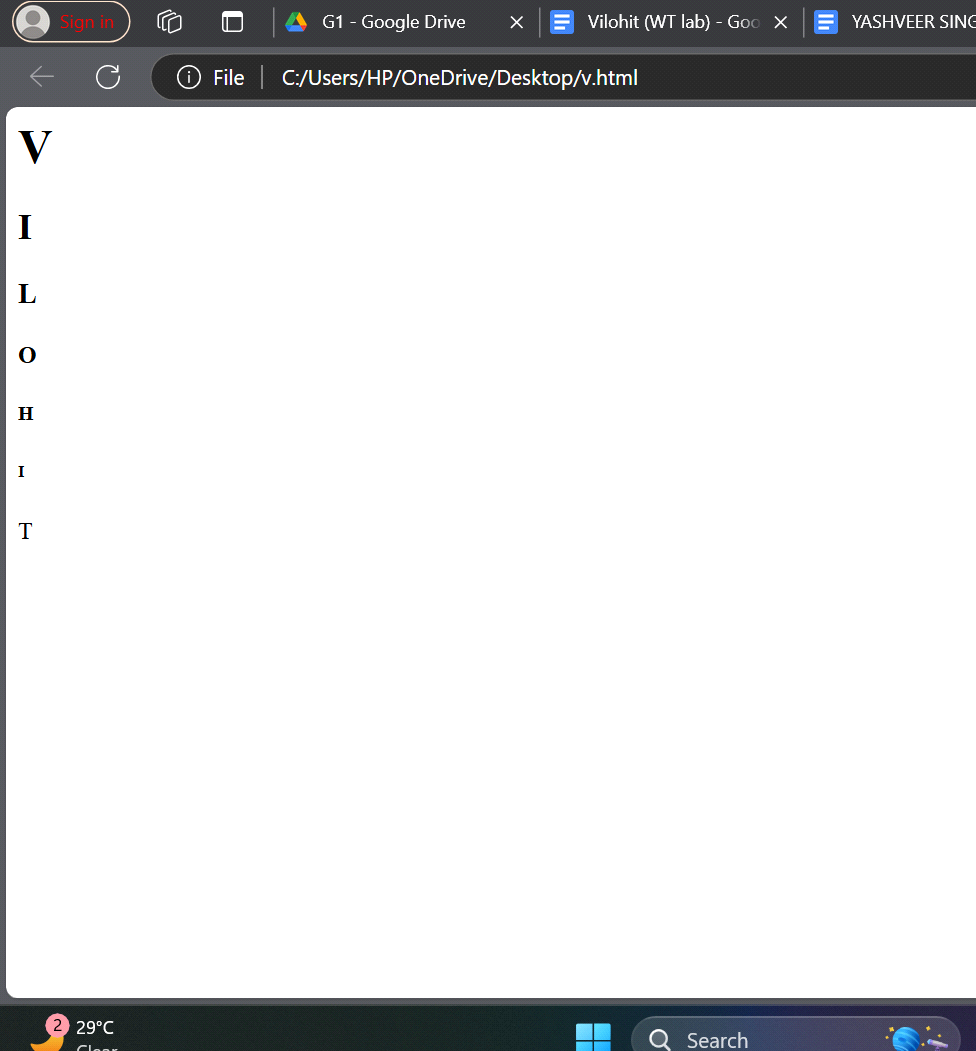
<body>

<h1>V</h1><H2>I</H2><H3>L</H3><H4>O</H4><H5>H</H5><H6>I</H6><H1>T</H1>

</body>

</html>

Output:



Q9. Write HTML code to print the sequence of numbers 1 – 20. Each number shall be in different line with number 2 next to it as subscript, an equal sign and the result.

Input:

<html>

<head>

<title> number sequence</title>

</head>

<body>

<p>1<sub>2</sub> = 1</p>

<p>2<sub>2</sub> = 4</p>

<p>3<sub>2</sub> = 9</p>

<p>4<sub>2</sub> = 16</p>

<p>5<sub>2</sub> = 25</p>

<p>6<sub>2</sub> = 36</p>

<p>7<sub>2</sub> = 49</p>

<p>8<sub>2</sub> = 64</p>

<p>9<sub>2</sub> = 81</p>

<p>10<sub>2</sub> = 100</p>

<p>11<sub>2</sub> = 121</p>

<p>12<sub>2</sub> = 144</p>

<p>13<sub>2</sub> = 169</p>

<p>14<sub>2</sub> = 196</p>

<p>15<sub>2</sub> = 225</p>

<p>16<sub>2</sub> = 256</p>

<p>17<sub>2</sub> = 289</p>

<p>18<sub>2</sub> = 324</p>

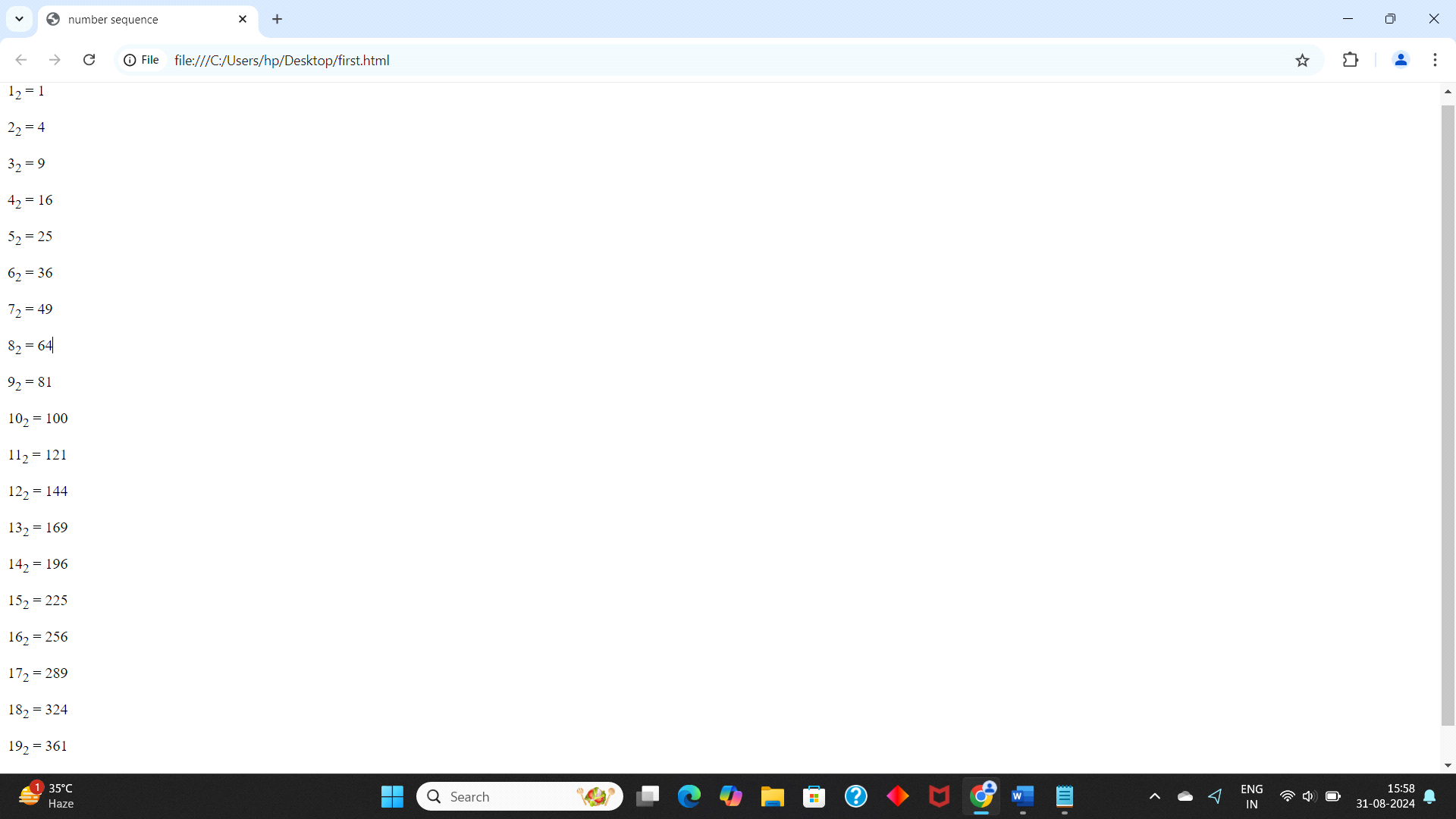
<p>19<sub>2</sub> = 361</p>

<p>20<sub>2</sub> = 400</p>

</body>

</html>

Output:



Q10. Write HTML code to display an image with border of size with width 200, height 200 pixels, leaving Hspace and Vspace of your choice with image hanging in the right side on the screen.

Input:

<html>

<head>

<title>

</title>

</head>

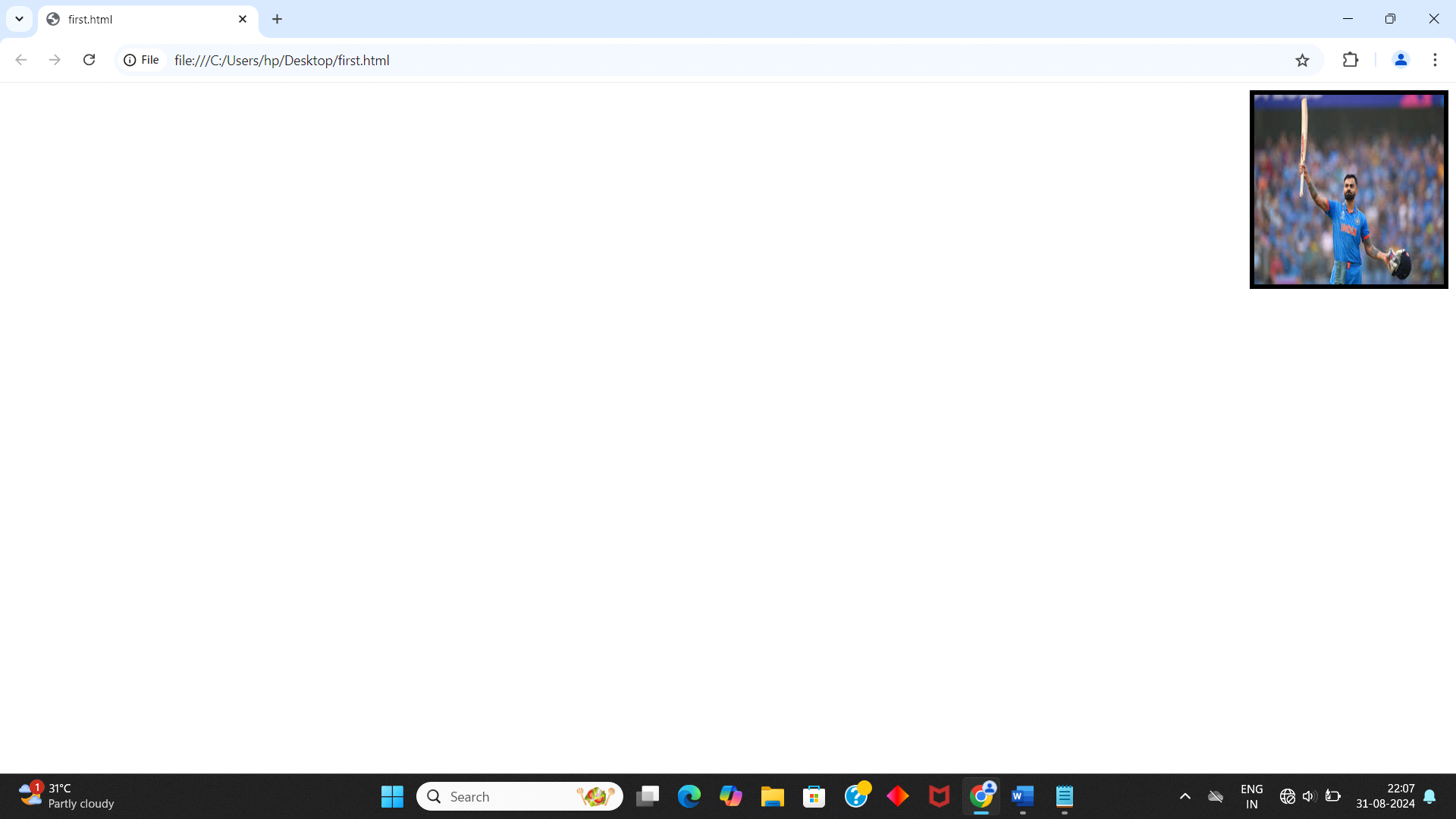
<body>

<img src="C:\Users\hp\Downloads\virat.jpeg" width="200"height="200"border="5px" align="right">

</body>

</html>

Output:



Q11. Write HTML code to create a web page with heading. The heading shall be displayed at the top-center of the page and the image shall be at the centre, just below the heading.

Input :

<html>

<head>web page </head>

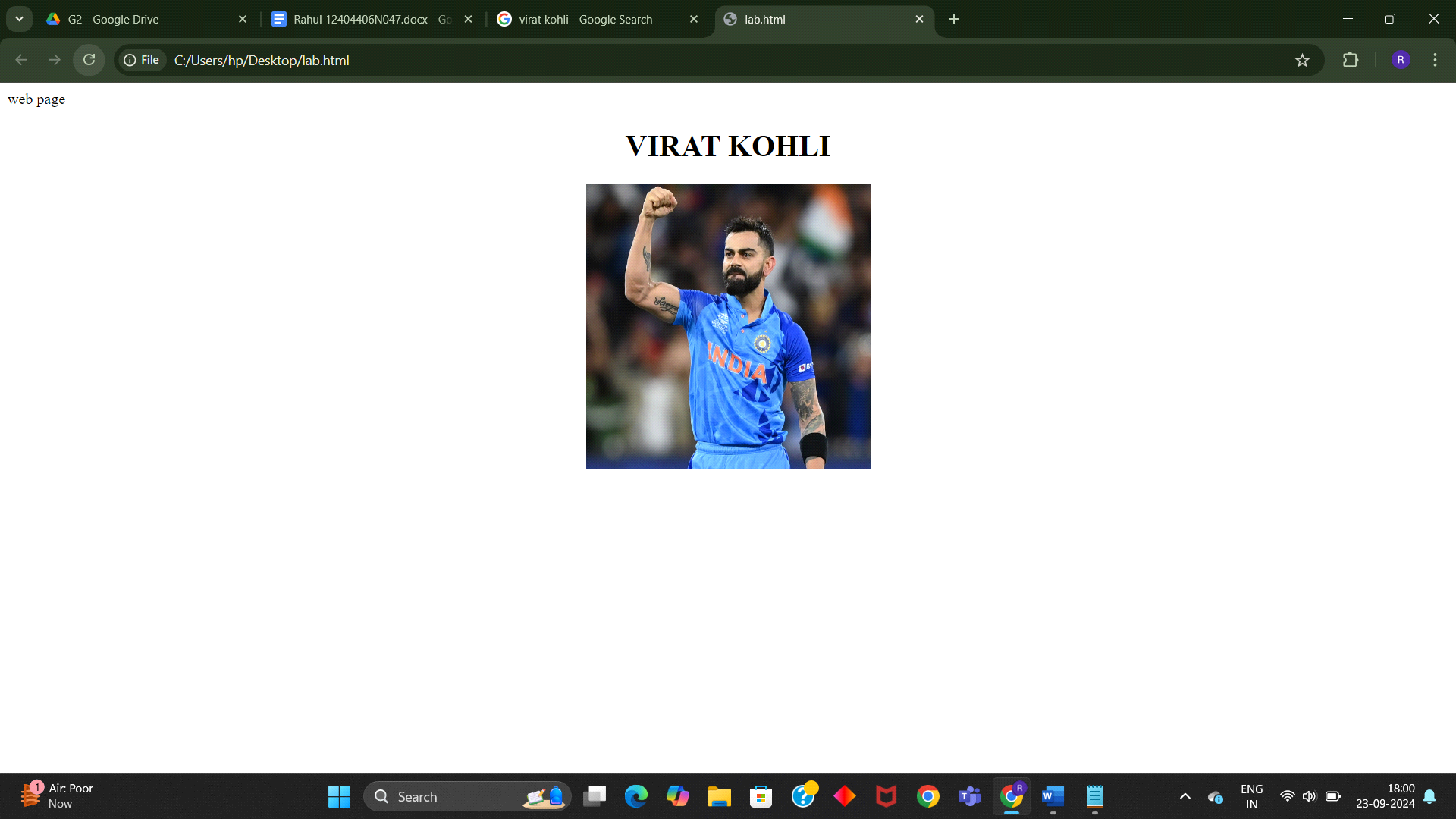
<body>

<center><h1>VIRAT KOHLI</h1></center>

<center><img src ="<https://im.rediff.com/cricket/2023/jan/17kohli1.jpg>"height="300"width="300"></center></body>

</html>

Output :



Question-12

Write HTML code using Multimedia tags.

Input:

<html>

<head>

<title>Multimedia Example</title>

</head>

<body>

<h2>Image Example</h2>

<img src="C:\Users\HP\OneDrive\Desktop\scenry" alt="Beautiful Scenery" width="500">

<h2>Video Example</h2>

<video width="500" controls>

<source src="C:\Users\HP\OneDrive\Desktop\scenery video" type="video/mp4">

</video>

<h2>Audio Example</h2>

<audio controls>

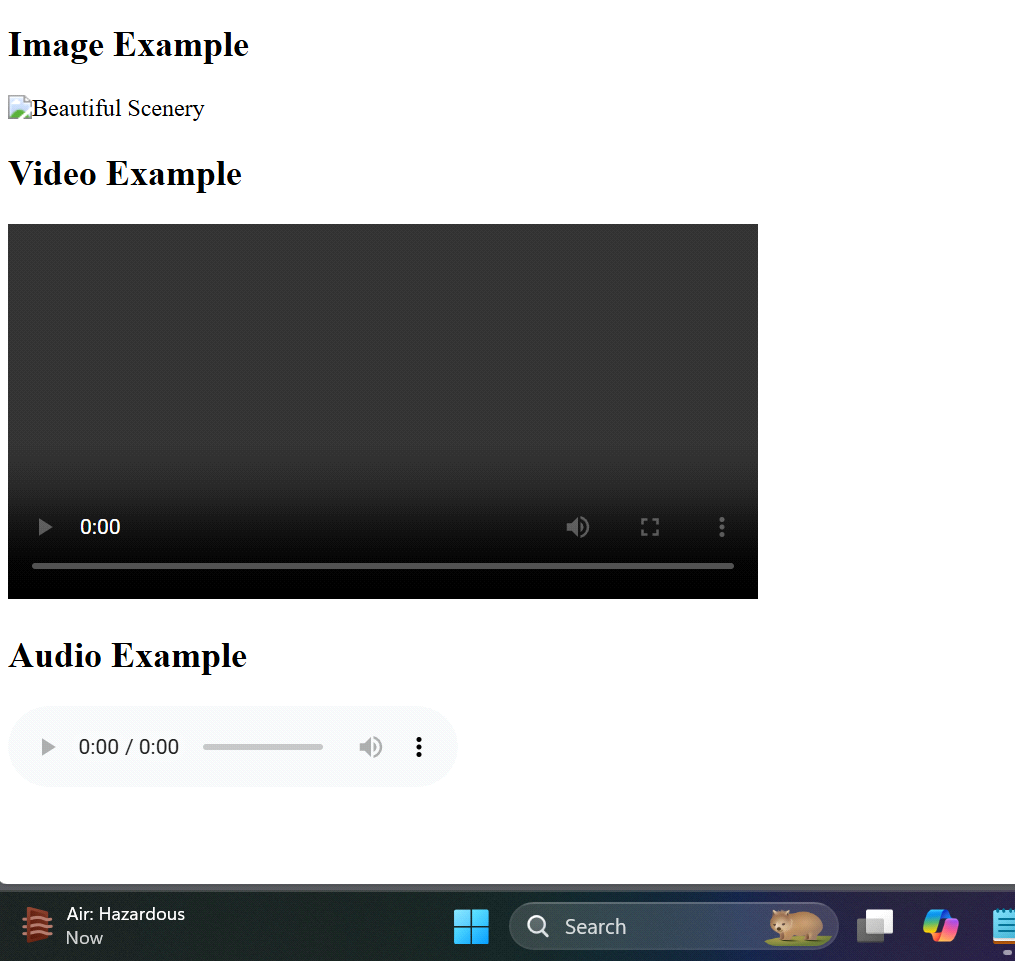
<source src="sample-audio.mp3" type="audio/mpeg"

</audio>

</body>

</html>

Output:



Question-13

Create a Table using Rowspan and Colspan taking example of student Record.

Input:

<html>

<head>

<title>Student Record</title>

<style>

table {

width: 80%;

border-collapse: collapse;

margin: 20px auto;

}

th, td {

border: 1px solid #000;

padding: 8px;

text-align: center;

}

</style>

</head>

<body>

<table>

<tr>

<th rowspan="2">Student ID</th>

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

<th colspan="3">Subjects</th>

</tr>

<tr>

<th>Math</th>

<th>Science</th>

<th>English</th>

</tr>

<tr>

<td>1</td>

<td>Riya</td>

<td>85</td>

<td>90</td>

<td>78</td>

</tr>

<tr>

<td>2</td>

<td>Priya</td>

<td>88</td>

<td>92</td>

<td>80</td>

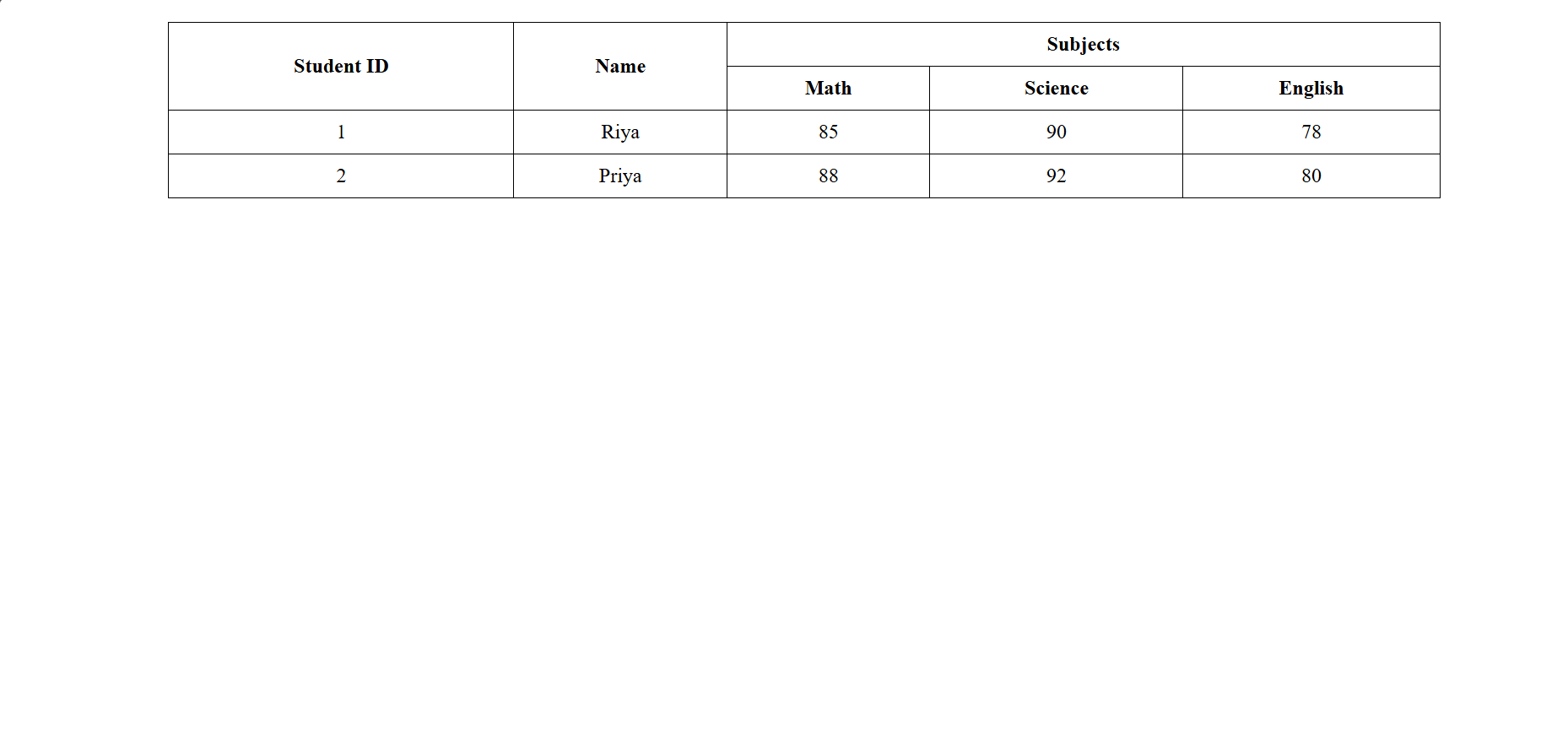
</tr>

</table>

</body>

</html>

Output:



Question-14

Write HTML code using table tag <table> and cellpadding and cellspacing as its attributes.

Input:

<html>

<head>

<title>Student Record Table</title>

<style>

table {

border: 1px solid #000;

margin: 20px auto;

border-collapse: collapse;

}

th, td {

border: 1px solid #000;

padding: 10px;

text-align: center;

}

</style>

</head>

<body>

<table cellpadding="10" cellspacing="5">

<tr>

<th>Student ID</th>

<th>Name</th>

<th>Math</th>

<th>Science</th>

<th>English</th>

</tr>

<tr>

<td>1</td>

<td>Riya</td>

<td>85</td>

<td>90</td>

<td>78</td>

</tr>

<tr>

<td>2</td>

<td>Zaen</td>

<td>88</td>

<td>92</td>

<td>80</td>

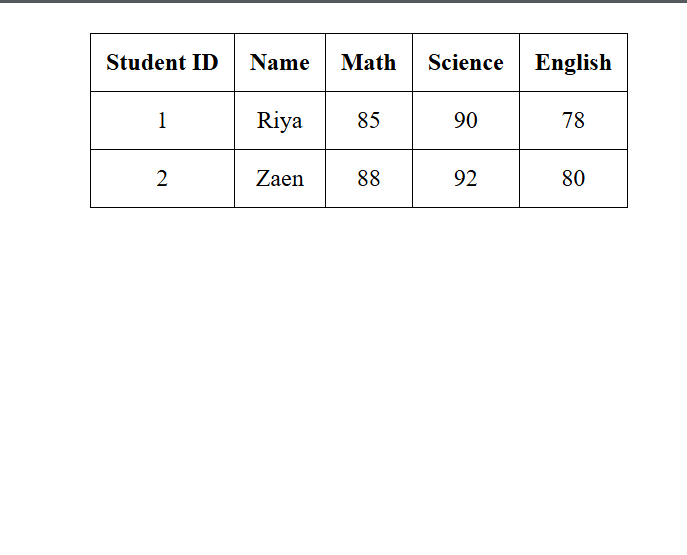
</tr>

</table>

</body>

</html>

Output:



Question-15

Create unordered, ordered and definition Lists taking example of your subjects in MCA IST, IInd and IIIrd Semester.

Input:

<html>

<head>

<title>MCA Subjects</title>

</head>

<body>

<h1>MCA IST Subjects</h1>

<h2>IInd Semester Subjects</h2>

<ul>

<li>Database Management Systems</li>

<li>Data Structures and Algorithms</li>

<li>Software Engineering</li>

<li>Web Technologies</li>

</ul>

<h2>IIIrd Semester Subjects</h2>

<ol>

<li>Operating Systems</li>

<li>Computer Networks</li>

<li>Mobile Application Development</li>

<li>Artificial Intelligence</li>

</ol>

<h2>Subject Definitions</h2>

<dl>

<dt>Database Management Systems</dt>

<dd>A system for creating and managing databases.</dd>

<dt>Data Structures and Algorithms</dt>

<dd>The study of data organization and the algorithms that operate on them.</dd>

<dt>Software Engineering</dt>

<dd>The application of engineering principles to software development.</dd>

<dt>Web Technologies</dt>

<dd>Technologies used for developing web applications.</dd>

<dt>Operating Systems</dt>

<dd>The software that manages computer hardware and software resources.</dd>

<dt>Computer Networks</dt>

<dd>The study of interconnecting computers to share resources.</dd>

<dt>Mobile Application Development</dt>

<dd>The process of creating software applications for mobile devices.</dd>

<dt>Artificial Intelligence</dt>

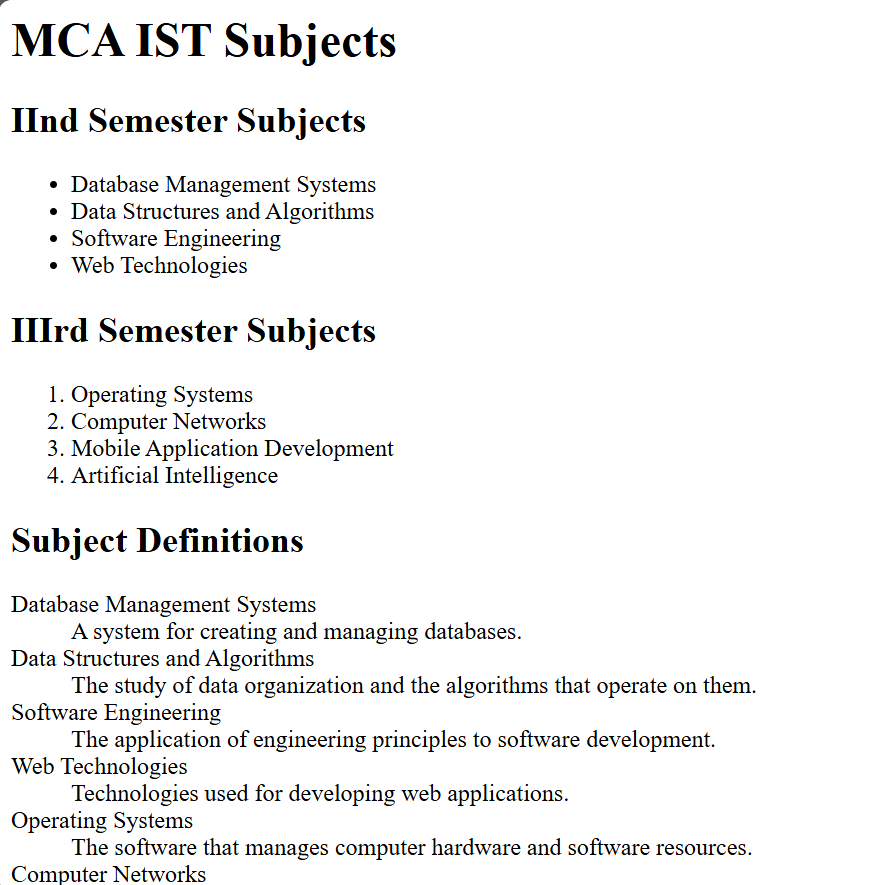
<dd>The simulation of human intelligence processes by machines.</dd>

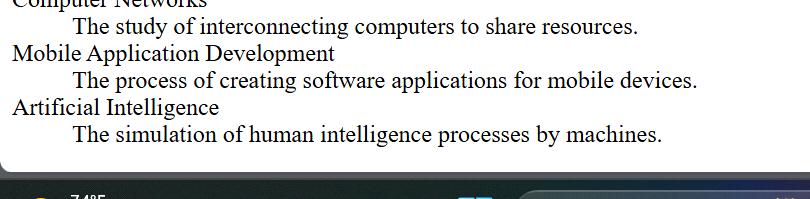
</dl>

</body>

</html>

Output:





Question-16

Write HTML code using <frameset> and <frame> tag with all its attributes

Input:

<html>

<head>

<title>Frameset Example</title>

</head>

<frameset rows="50%,50%" border="2" frameborder="yes" framespacing="5">

<frame src="header.html" name="header" scrolling="no" noresize>

<frame src="content.html" name="content" scrolling="yes">

</frameset>

<noframes>

<body>

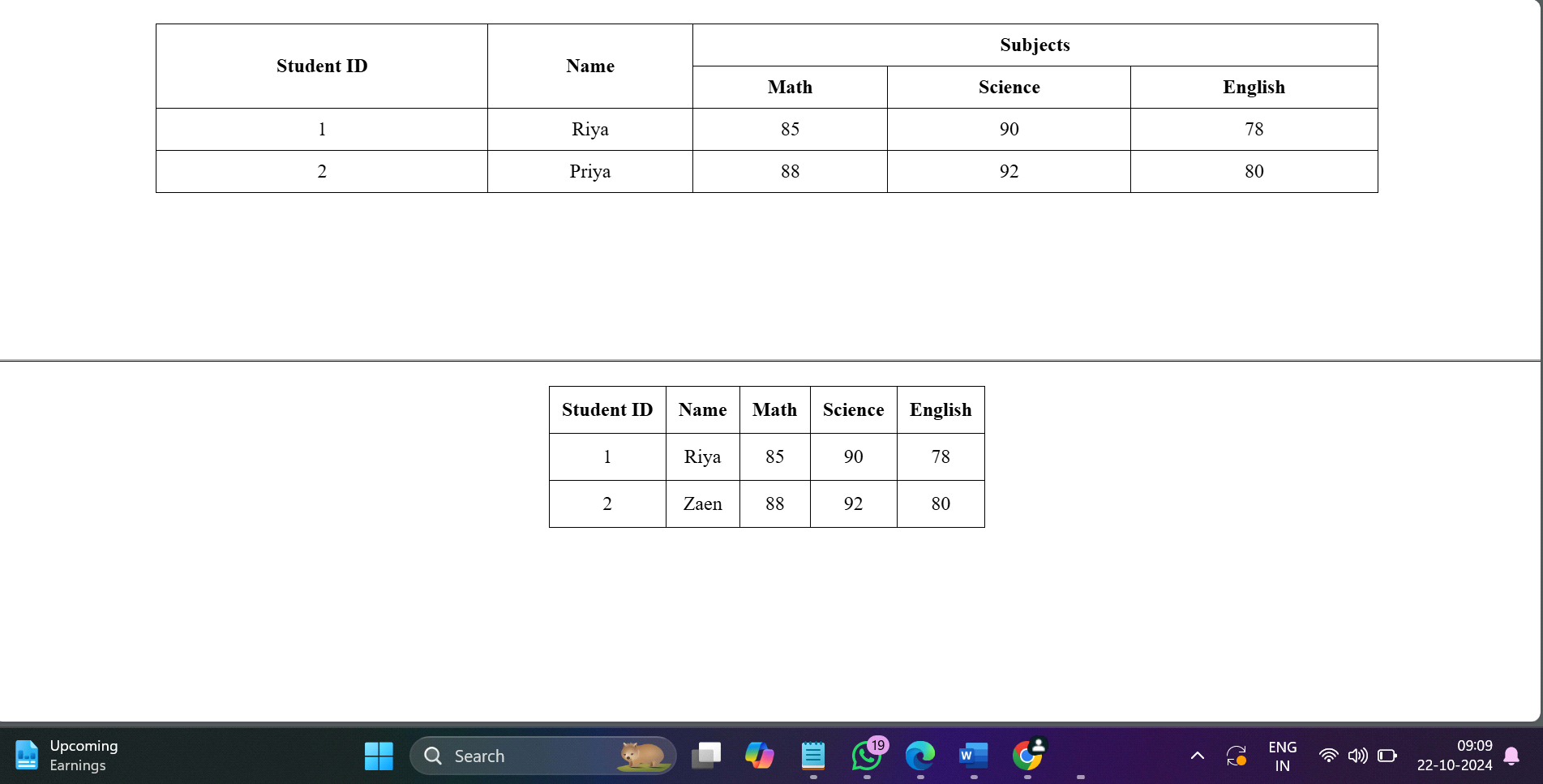
<p>Your browser does not support frames. Please consider updating your browser.</p>

</body>

</noframes>

</html>

Output:



Question-17

Write HTML code to design a form in HTML using controls and buttons such as Teaxtbox, Textarea

Input:

<html>

<head>

<title>Sample Form</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 20px;

}

form {

max-width: 400px;

margin: auto;

}

label {

display: block;

margin-top: 10px;

}

input, textarea, select {

width: 100%;

padding: 8px;

margin-top: 5px;

box-sizing: border-box;

}

button {

margin-top: 10px;

padding: 10px;

background-color: #4CAF50;

color: white;

border: none;

cursor: pointer;

}

button:hover {

background-color: #45a049;

}

</style>

</head>

<body>

<h1>Feedback Form</h1>

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

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

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

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

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

<label for="feedback">Feedback:</label>

<textarea id="feedback" name="feedback" rows="4" ></textarea>

<label>Preferred Contact Method:</label>

<input type="radio" id="phone" name="contact" value="phone">

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

<input type="radio" id="email\_contact" name="contact" value="email" checked>

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

<label>Subscribe to Newsletter:</label>

<input type="checkbox" id="subscribe" name="subscribe" value="yes">

<label for="subscribe">Yes, I want to receive updates</label>

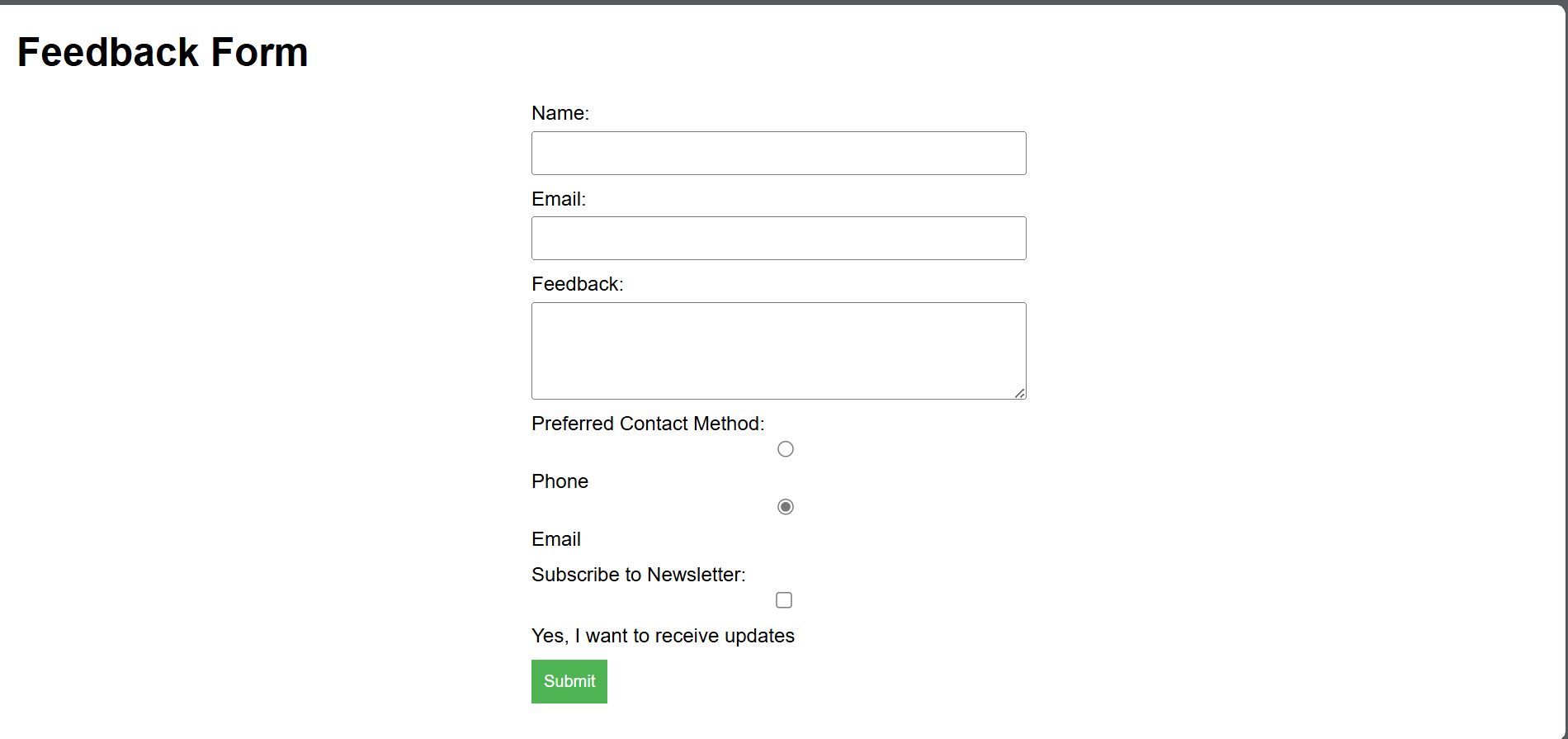
<button type="submit">Submit</button>

</form>

</body>

</html>

Output:



Question-18

Write HTML code to design a Registration Form in HTML.

Input:

<html>

<head>

<title>Registration Form</title>

<style>

body {

font-family: Arial;

margin: 20px;

background-color:White;

}

form {

max-width: 500px;

margin: auto;

background: white;

padding: 20px;

border-radius: 5px;

box-shadow: 0 0 10px

}

label {

display: block;

margin-top: 10px;

}

input, select, textarea {

width: 100%;

padding: 8px;

margin-top: 5px;

box-sizing: border-box;

}

button {

margin-top: 10px;

padding: 10px;

background-color:Black;

color: white;

border: none;

cursor: pointer;

width: 100%;

}

button:hover {

background-color: Blue;

}

</style>

</head>

<body>

<h1>Registration Form</h1>

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

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

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

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

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

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

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

<label for="confirm-password">Confirm Password:</label>

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

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

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

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

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

<option value="">Select Gender</option>

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

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

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

</select>

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

<textarea id="address" name="address" rows="4" required></textarea>

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

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

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

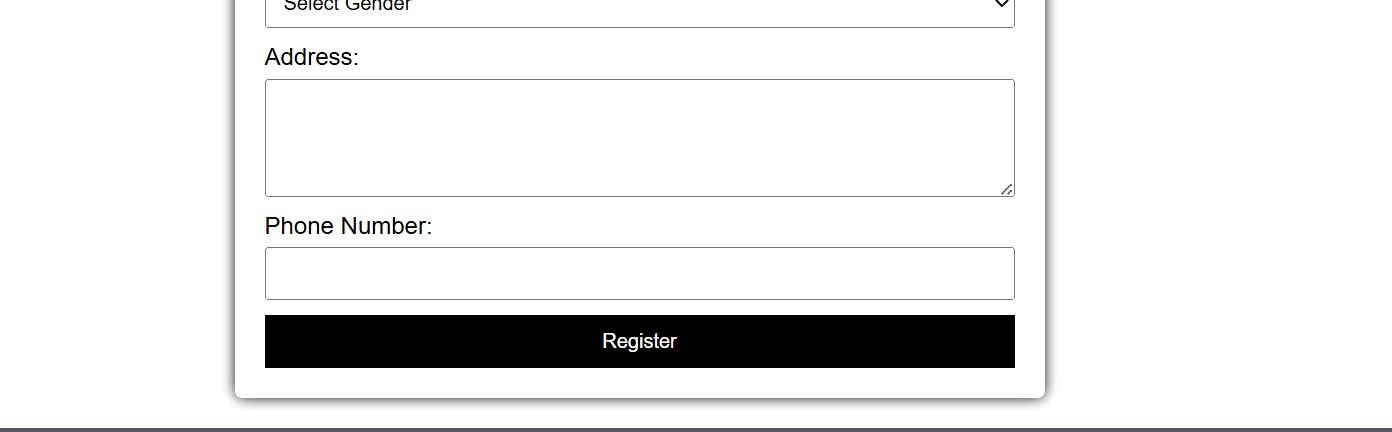
</form>

</body>

</html>

Output:





Question-19

Write HTML code to design a student admission Form in HTML.

Input:

<html>

<head>

<title>Student Admission Form</title>

<style>

body {

font-family: Arial;

margin: 20px;

background-color: Green;

}

form {

max-width: 600px;

margin: auto;

background: white;

padding: 20px;

border-radius: 5px;

box-shadow: 0 0 10px ;

}

label {

display: block;

margin-top: 10px;

}

input, select, textarea {

width: 100%;

padding: 8px;

margin-top: 5px;

box-sizing: border-box;

}

button {

margin-top: 10px;

padding: 10px;

background-color: White;

color: white;

border: none;

cursor: pointer;

width: 100%;

}

button:hover {

background-color:Red;

}

</style>

</head>

<body>

<h1>Student Admission Form</h1>

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

<label for="fullName">Full Name:</label>

<input type="text" id="fullName" name="fullName" \>

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

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

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

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

<option value="">Select Gender</option>

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

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

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

</select>

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

<textarea id="address" name="address" rows="4" ></textarea>

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

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

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

<input type="Number" id="phone" name="phone" \>

<label for="course">Course Applied For:</label>

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

<option value="">Select Course</option>

<option value="bsc">B.Sc</option>

<option value="msc">M.Sc</option>

<option value="bcom">B.Com</option>

<option value="mcom">M.Com</option>

<option value="bca">BCA</option>

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

</select>

<label for="previousSchool">Previous School/College:</label>

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

<label for="academicYear">Academic Year:</label>

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

<option value="">Select Academic Year</option>

<option value="2024">2024</option>

<option value="2025">2025</option>

<option value="2026">2026</option>

</select>

<button type="submit">Submit Application</button>

</form>

</body>

</html>

Output:





Question-20

Create a proper home page of your own using any components and styles.

Input:

<html>

<head>

<title>My Homepage</title>

<style>

body {

font-family: Arial;

margin: 0;

padding: 0;

background-color:White;

}

header {

background:White;

color: white;

padding: 10px 0;

text-align: center;

}

nav {

margin: 0;

padding: 10px 0;

}

nav a {

color: white;

margin: 0 15px;

text-decoration: none;

font-weight: bold;

}

nav a:hover {

text-decoration: underline;

}

.hero {

height: 400px;

display: flex;

align-items: center;

justify-content: center;

color: white;

text-shadow: 2px 2px 4px;

}

.hero h1 {

font-size: 3em;

}

.container {

padding: 20px;

}

.section {

margin: 20px 0;

padding: 20px;

background: white;

border-radius: 5px;

box-shadow: 0 0 10px;

}

footer {

background: Red;

color: white;

text-align: center;

padding: 10px 0;

position: relative;

bottom: 0;

width: 100%;

}

</style>

</head>

<body>

<header>

<h1>Welcome to My Homepage</h1>

<nav>

<a href="#about">About</a>

<a href="#services">Services</a>

<a href="#contact">Contact</a>

</nav>

</header>

<div class="hero">

<h1>Your Journey Begins Here</h1>

</div>

<div class="container">

<div id="about" class="section">

<h2>About Me</h2>

<p>Hello! I am a web developer with a passion for creating beautiful and functional websites. I love coding and constantly learning new technologies.</p>

</div>

<div id="services" class="section">

<h2>Services</h2>

<ul>

<li>Web Development</li>

<li>UI/UX Design</li>

<li>SEO Optimization</li>

<li>Content Creation</li>

</ul>

</div>

<div id="contact" class="section">

<h2>Contact Me</h2>

<p>If you would like to get in touch, feel free to reach out via email at <a href="mailto:example@example.com">example@example.com</a>.</p>

</div>

</div>

<footer>

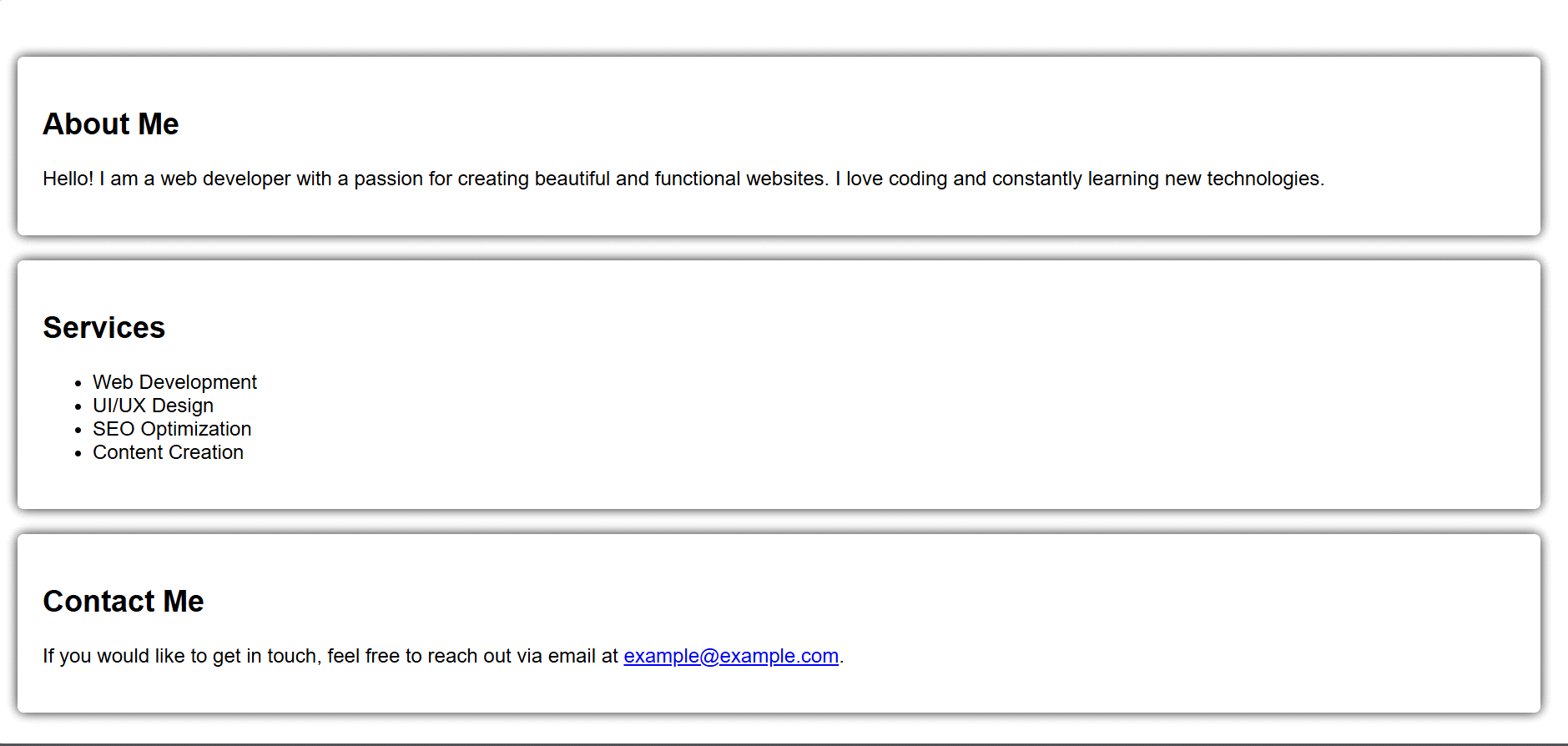
<p>&copy; 2024 My Homepage. All rights reserved.</p>

</footer>

</body>

</html>

Output:



Question-21

Write HTML code for including Local hyperlinking in a web page.

Input:

<html>

<head>

<title>Local Hyperlinking Example</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 20px;

}

section {

margin-bottom: 40px;

}

</style>

</head>

<body>

<h1>Local Hyperlinking Example</h1>

<ul>

<li><a href="#section1">Go to Section 1</a></li>

<li><a href="#section2">Go to Section 2</a></li>

<li><a href="#section3">Go to Section 3</a></li>

</ul>

<section id="section1">

<h2>Section 1</h2>

<p>This is the content of section 1.</p>

<a href="#top">Back to Top</a>

</section>

<section id="section2">

<h2>Section 2</h2>

<p>This is the content of section 2.</p>

<a href="#top">Back to Top</a>

</section>

<section id="section3">

<h2>Section 3</h2>

<p>This is the content of section 3.</p>

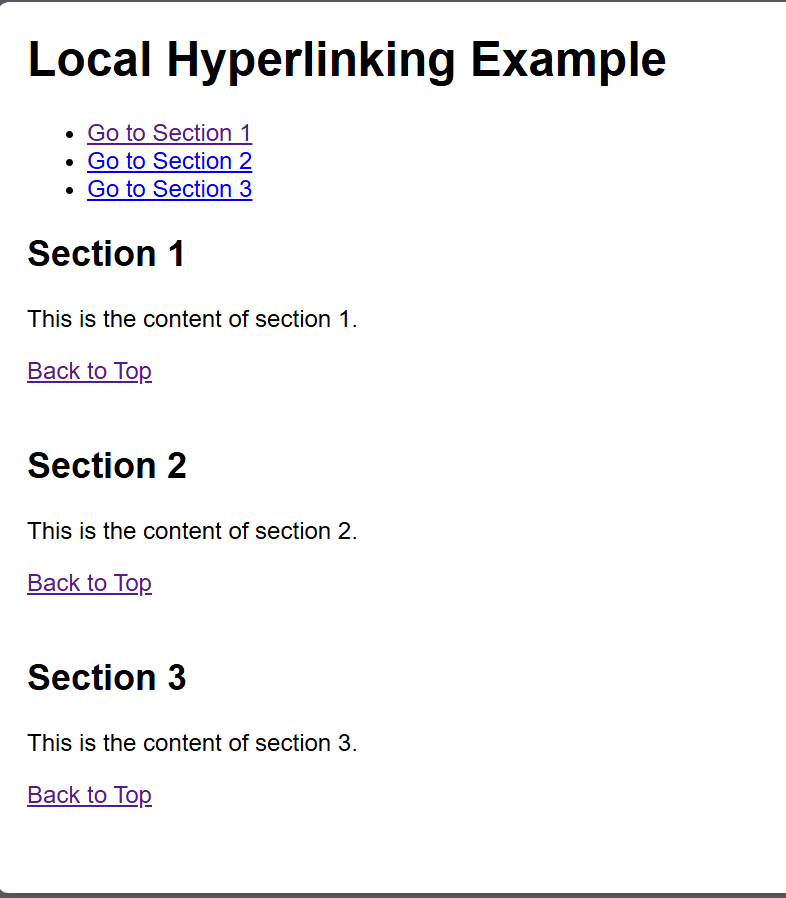
<a href="#top">Back to Top</a>

</section>

</body>

</html>

Output:



Question-22

Write HTML code for including Inter hyperlinking in a web page.

Input:

<html>

<head>

<title>Interlinking Example</title>

<style>

body {

font-family: Arial, sans-serif;

}

section {

margin: 20px 0;

}

nav {

margin-bottom: 20px;

}

</style>

</head>

<body>

<nav>

<ul>

<li><a href="#section1">Go to Section 1</a></li>

<li><a href="#section2">Go to Section 2</a></li>

<li><a href="#section3">Go to Section 3</a></li>

</ul>

</nav>

<section id="section1">

<h2>Section 1</h2>

<p>This is the first section of the page. You can link to other sections using the navigation above.</p>

<a href="#top">Back to Top</a>

</section>

<section id="section2">

<h2>Section 2</h2>

<p>This is the second section. Use the navigation to jump to other sections.</p>

<a href="#top">Back to Top</a>

</section>

<section id="section3">

<h2>Section 3</h2>

<p>This is the third section. Don't forget to check out the other sections!</p>

<a href="#top">Back to Top</a>

</section>

<a id="top"></a>

</body>

</html>

Output:



Question-23

Write HTML code for including External hyperlinking in a web page.

Input:

<html>

<head>

<title>External Hyperlinking Example</title>

<style>

body {

font-family: Arial, sans-serif;

}

a {

color: blue;

text-decoration: none;

}

a:hover {

text-decoration: underline;

}

</style>

</head>

<body>

<h1>Welcome to My Web Page</h1>

<p>Here are some useful external links:</p>

<ul>

<li><a href="https://www.wikipedia.org" target="\_blank" rel="noopener noreferrer">Visit Wikipedia</a> - A free online encyclopedia.</li>

<li><a href="https://www.github.com" target="\_blank" rel="noopener noreferrer">Check out GitHub</a> - A platform for version control and collaboration.</li>

<li><a href="https://www.openai.com" target="\_blank" rel="noopener noreferrer">Learn about OpenAI</a> - An AI research organization.</li>

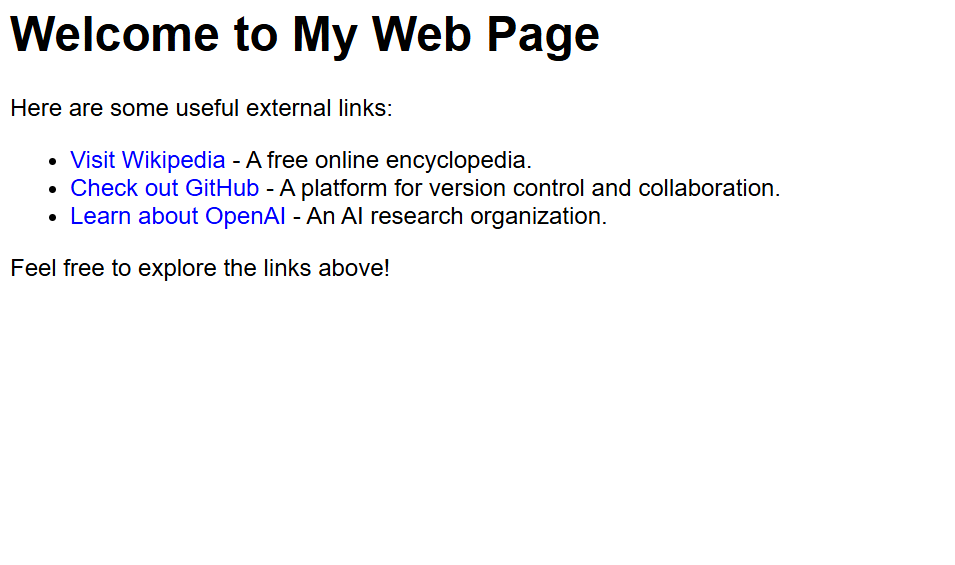
</ul>

<p>Feel free to explore the links above!</p>

</body>

</html>

Output:



Question-24

Write code to show External CSS with HTML code.

Input:

<html>

<head>

<title>External CSS Example</title>

<link rel="stylesheet" href="styles.css"> <!-- Linking external CSS -->

</head>

<body>

<style>

body {

background-color: #f0f0f0;

font-family: Arial, sans-serif;

}

h1 {

color: #333;

text-align: center;

}

p {

color: #555;

font-size: 18px;

padding: 20px;

}

</style>

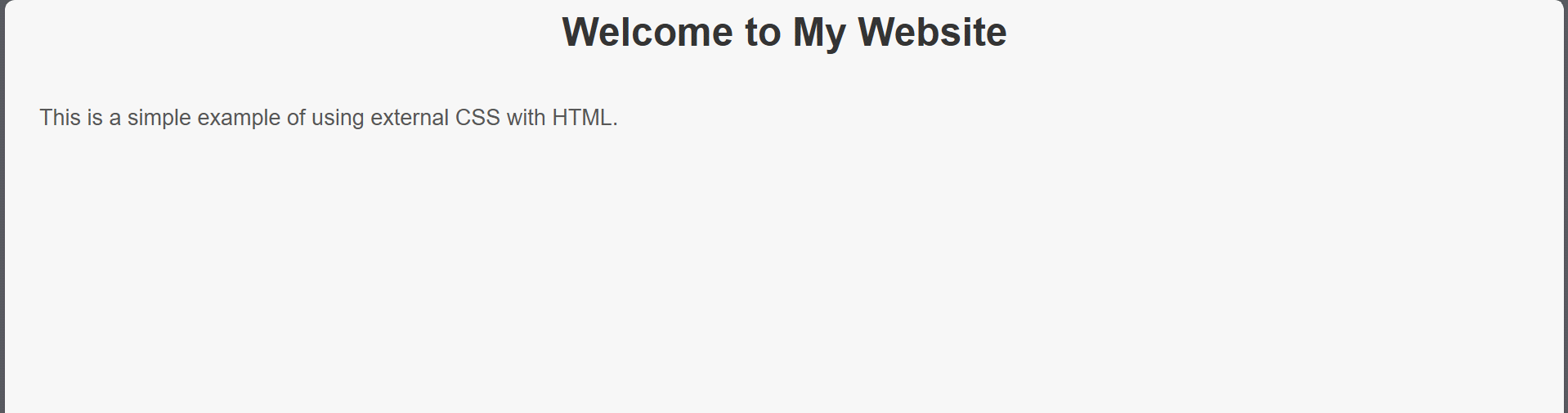
<h1>Welcome to My Website</h1>

<p>This is a simple example of using external CSS with HTML.</p>

</body>

</html>

Output:



Question-25

Write code to show Internal CSS with HTML code.

Input:

<html>

<head>

<title>Internal CSS Example</title>

<style>

body {

background-color:Wite;

font-family: Arial, sans-serif;

}

h1 {

color:Red;

text-align: center;

}

p {

color:Blue;

font-size: 18px;

padding: 20px;

}

</style>

</head>

<body>

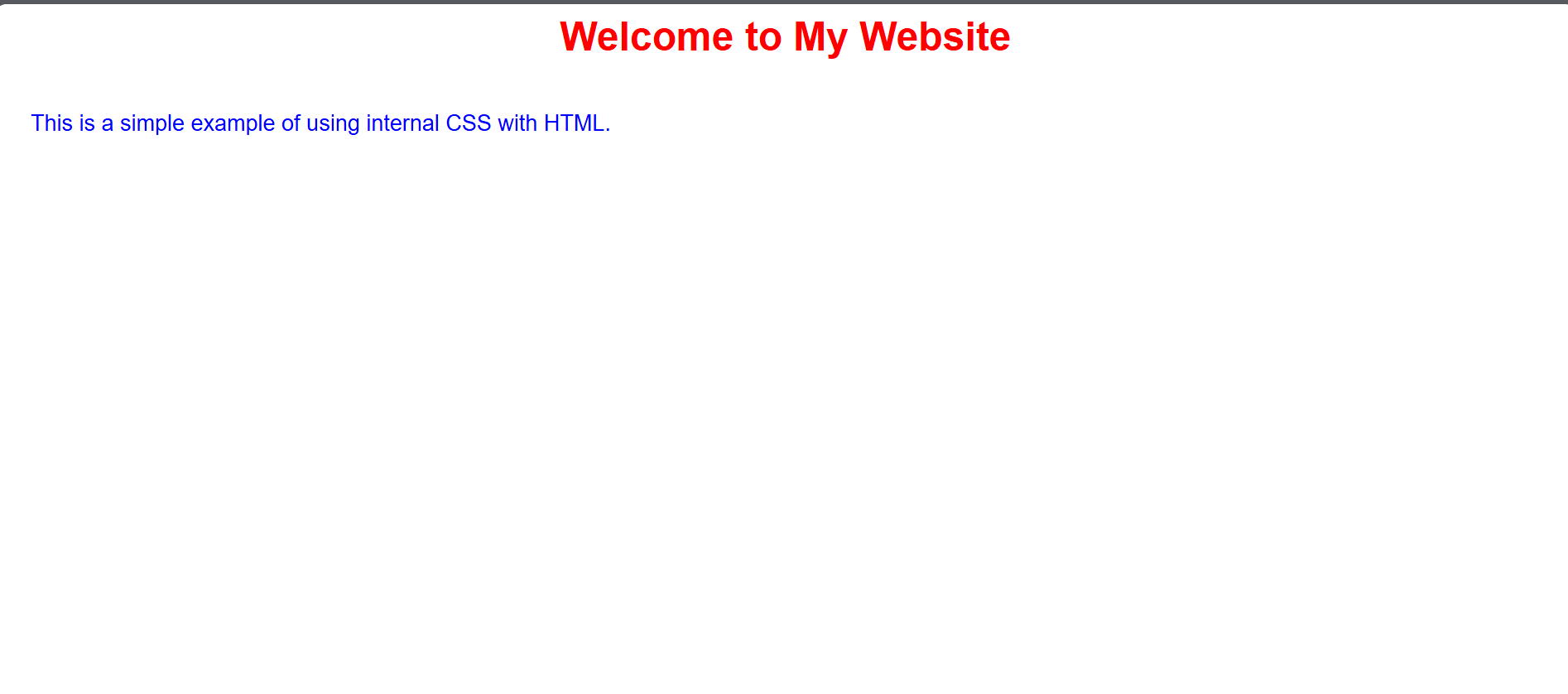
<h1>Welcome to My Website</h1>

<p>This is a simple example of using internal CSS with HTML.</p>

</body>

</html>

Output:



Question-26

Write code to show Inline CSS with HTML code.

Input:

<html>

<head>

<title>Inline CSS Example</title>

</head>

<body style="background-color: Black; font-family: Arial, sans-serif;">

<h1 style="color:White; text-align: center;">Welcome to My Website</h1>

<p style="color: White; font-size: 25px; padding: 30px;">

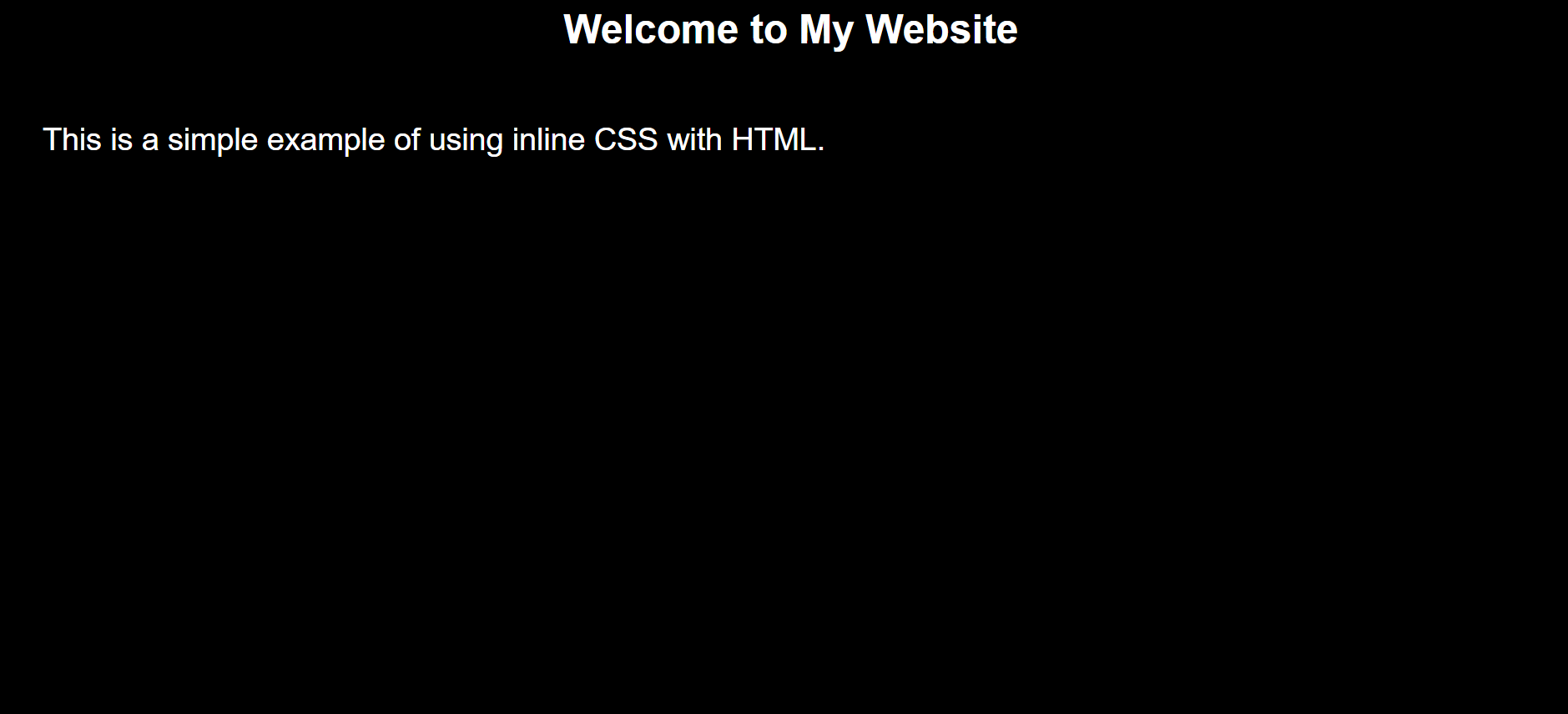
This is a simple example of using inline CSS with HTML.

</p>

</body>

</html>

Output:



Question-27

Write a program to add two numbers using form in JavaScript.

**Input:**

<html>

<head>

<title>Add Two Numbers</title>

<script>

function addNumbers() {

var num1 = parseFloat(document.getElementById('num1').value);

var num2 = parseFloat(document.getElementById('num2').value);

if (isNaN(num1) || isNaN(num2)) {

alert("Please enter valid numbers.");

} else {

var sum = num1 + num2;

document.getElementById('result').innerHTML = "Result: " + sum;

}

}

</script>

</head>

<body>

<h1>Simple Addition Form</h1>

<!-- Form to input two numbers -->

<form onsubmit="event.preventDefault(); addNumber

<label for="num1">Number 1:</label>

<input type="number" id="num1" required><br><br>

<label for="num2">Number 2:</label>

<input type="number" id="num2" required><br><br>

<button type="submit">Add Numbers</button>

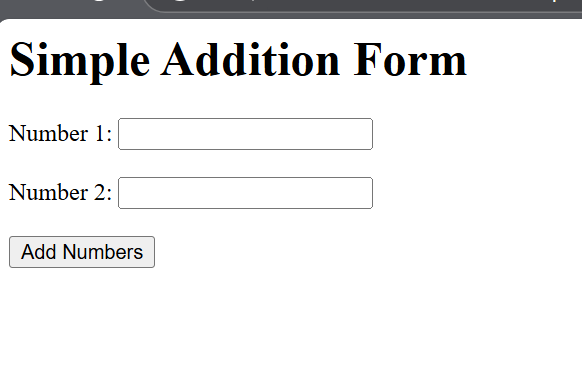
</form>

<div id="result"></div>

</body>

</html>

Output:



Question-28

Write a program in JavaScript to swap two images using on mouseover event.

Input:

<html>

<head>

<title>Swap Images on Mouseover</title>

<style>

img {

width: 300px; /\* Set a fixed size for the images \*/

height: auto;

cursor: pointer;

transition: all 0.3s ease;

}

</style>

<script>

function swapImages() {

var image1 = document.getElementById('image1');

var image2 = document.getElementById('image2');

var tempSrc = image1.src;

image1.src = image2.src;

image2.src = tempSrc;

}

</script>

</head>

<body>

<h1>Swap Images on Mouseover</h1>

<img id="image1" src="https://via.placeholder.com/300x200.png?text=Image+1" alt="Image 1" onmouseover="swapImages()" />

<img id="image2" src="https://via.placeholder.com/300x200.png?text=Image+2" alt="Image 2" />

<p>Hover over the first image to swap them.</p>

</body>

</html>

Output:



Question-29

Write a simple JavaScript program to sort an array

Input:

<html>

<head>

<title>Sort an Array in JavaScript</title>

<script>

function sortArray() {

var arr = [5, 3, 8, 1, 2, 7];

arr.sort(function(a, b) {

return a - b;

document.getElementById('result').innerHTML = "Sorted Array: " + arr;

}

</script>

</head>

<body>

<h1>Sort an Array in JavaScript</h1>

<button onclick="sortArray()">Sort Array</button>

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

</body>

</html>

Output:



Question-30

Write a JavaScript program to take as input three numbers from the user. Find the minimum and maximum of the three numbers. Print the following output in BOLD in the following format:

MINIMUM =        MAXIMUM =

Input:

<html>

<head>

<title>Find Minimum and Maximum</title>

<script>

function findMinMax() {

var num1 = parseFloat(document.getElementById('num1').value);

var num2 = parseFloat(document.getElementById('num2').value);

var num3 = parseFloat(document.getElementById('num3').value);

var min = Math.min(num1, num2, num3);

var max = Math.max(num1, num2, num3);

document.getElementById('minOutput').innerHTML = "<b>MINIMUM = " + min + "</b>";

document.getElementById('maxOutput').innerHTML = "<b>MAXIMUM = " + max + "</b>";

}

</script>

</head>

<body>

<h1>Find Minimum and Maximum of Three Numbers</h1>

<label for="num1">Enter first number:</label>

<input type="number" id="num1" required><br><br>

<label for="num2">Enter second number:</label>

<input type="number" id="num2" required><br><br>

<label for="num3">Enter third number:</label>

<input type="number" id="num3" required><br><br>

<button onclick="findMinMax()">Find Min and Max</button>

<p id="minOutput"></p>

<p id="maxOutput"></p>

</body>

</html>

Output:

