

BCA(AI/ML)

G-1

## QUESTIONS

question 1 – create a simple HTML page using basic tags ?

```
<doctype>
```

```
<html>
```

```
<head>
```

```
<title> student information </title>
```

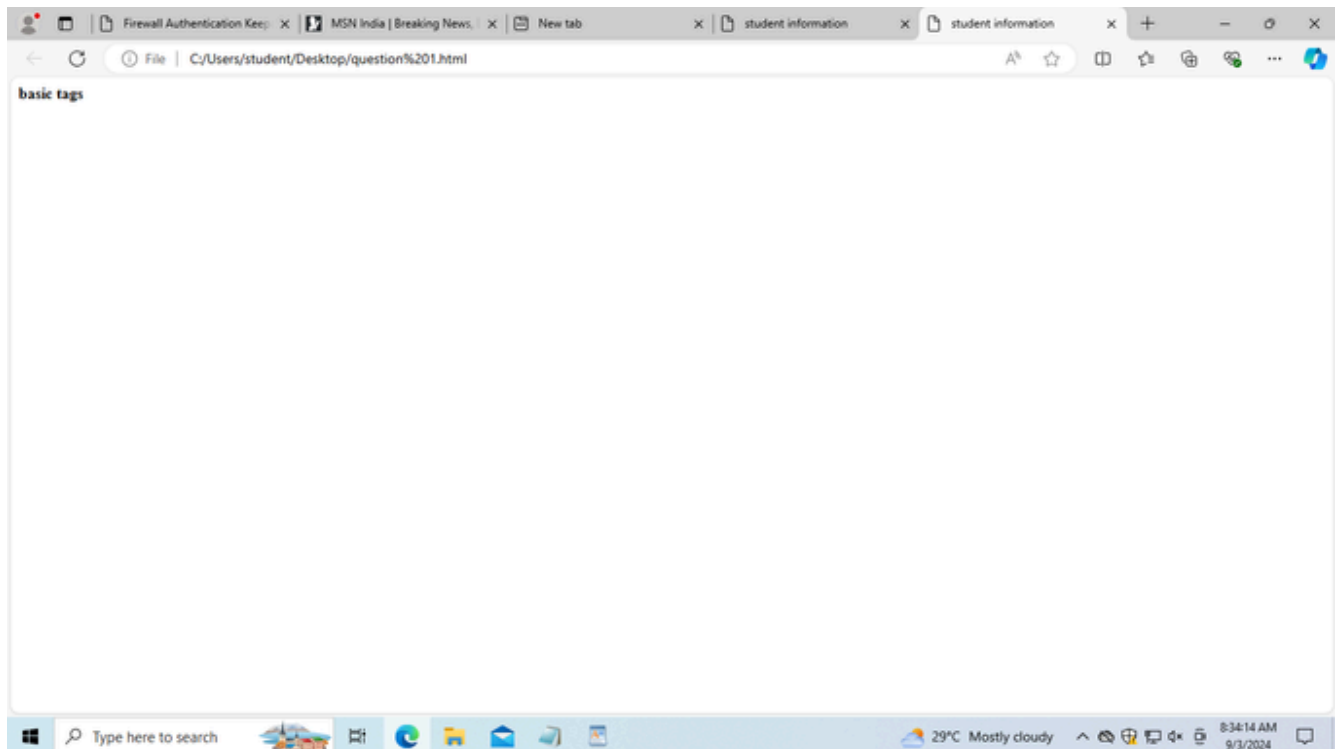
```
</head>
```

```
<body>
```

```
<h4> basic tags </h4>
```

```
</body>
```

```
</html>
```



QUESTION 2 – CREATE A WEB PAGE THAT DISPLAY YOUR NAME ?

```
<doctype>
```

```
<html>

<head>

<title> student information </title>

</head>

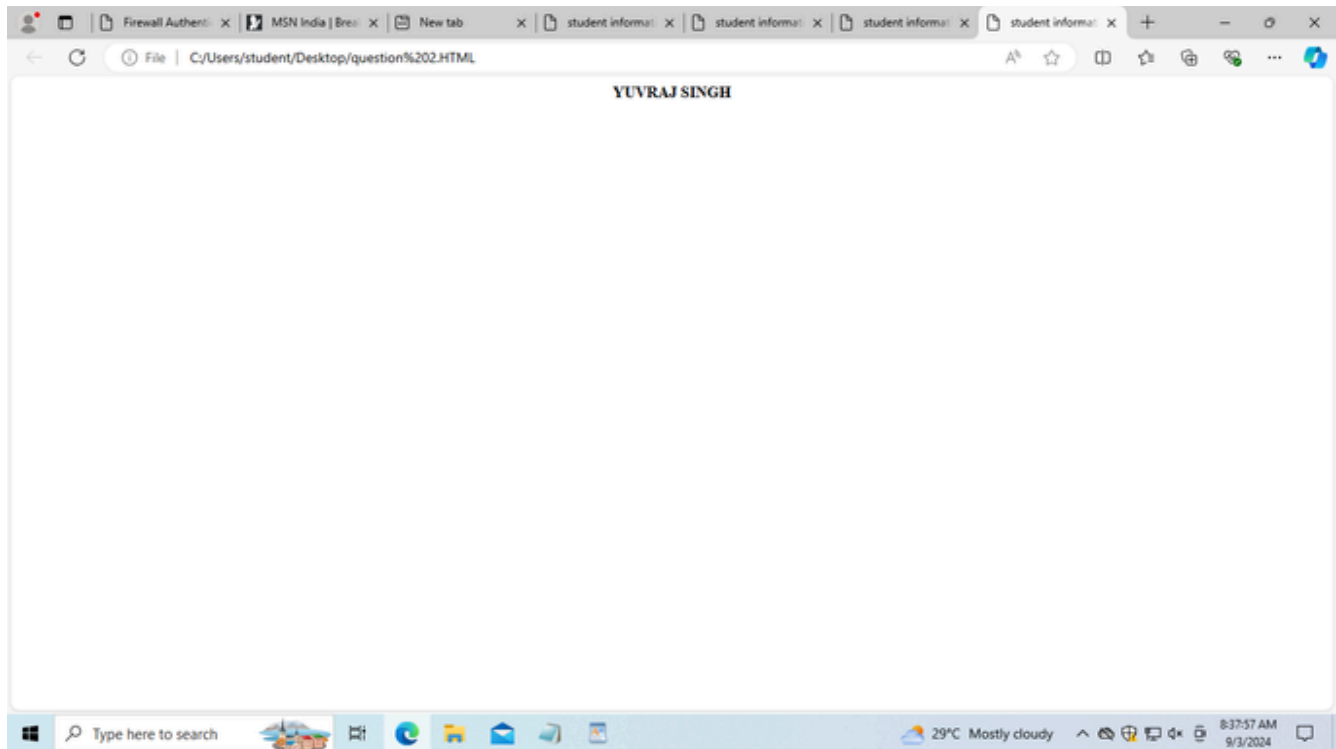
<body>

<CENTER>

<h4>YUVRAJ SINGH </h4>

</body>

</html>
```



QUESTION 3 – CREATE A WEB PAFGE AND SHOW THE OUTPUT FROM 1 TO 10 IN SEPRATE LINES ?

```
<doctype>

<html>

<head>

<title> student information </title>

</head>

<body>

<CENTER>
```

<h4>YUVRAJ SINGH </h4>

</CENTER>

<P>1</P>

<P>2</P>

<P>3</P>

<P>4</P>

<P>5</P>

<P>6</P>

<P>7</P>

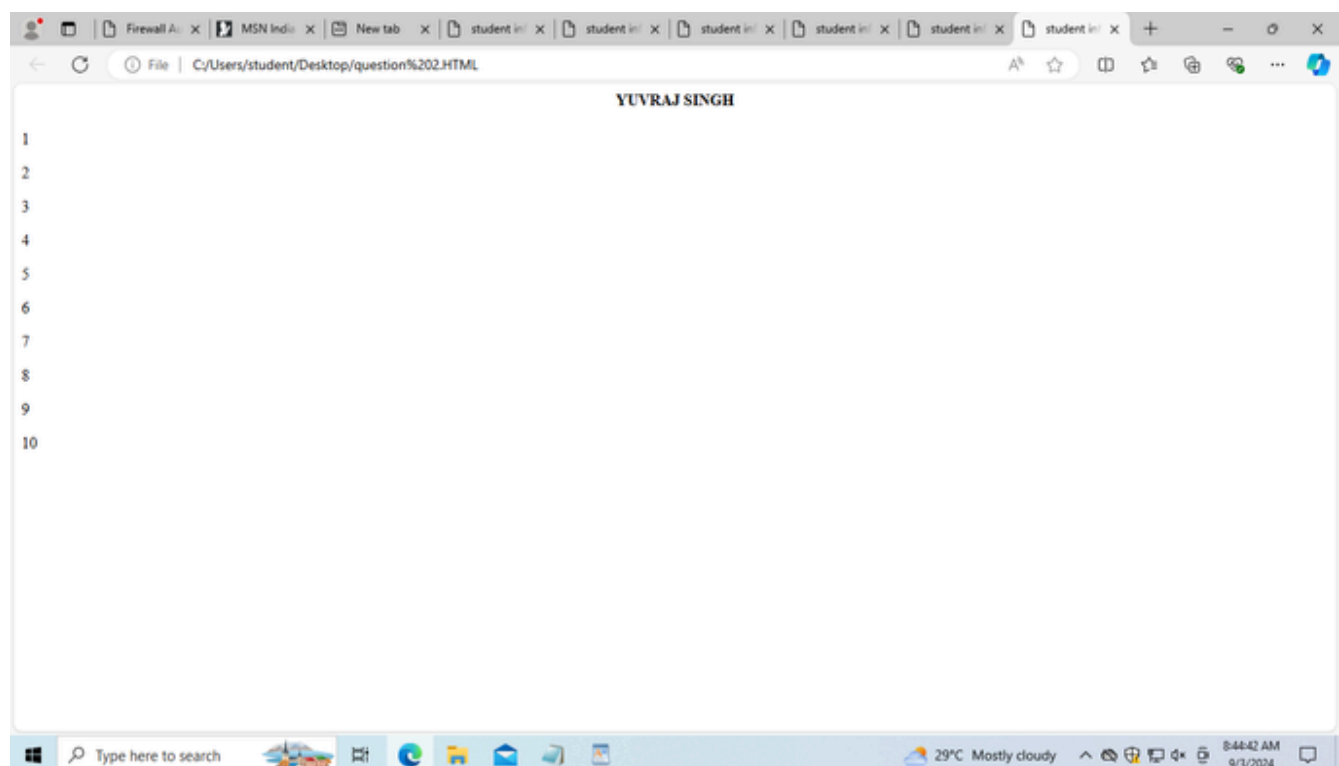
<P>8</P>

<P>9</P>

<P>10</P>

</body>

</html>



question 4 – CREATE A WEB PAFGE AND SHOW THE OUTPUT FROM 1 TO 10 IN SEPRATE LINES , EACH NO. BEING IN DIFFERENT COLOR ?

<doctype>

```
<html>

<head>

<title> student information </title>

</head>

<body>

<CENTER>

<h4>YUVRAJ SINGH </h4>

</CENTER>

<P style="color:RED;">1</P>

<P style="color:green;">2</P>

<P style="color:blue;">3</P>

<P style="color:green;">4</P>

<P style="color:yellow;">5</P>

<P style="color:voilet;">6</P>

<P style="color:cyan;">7</P>

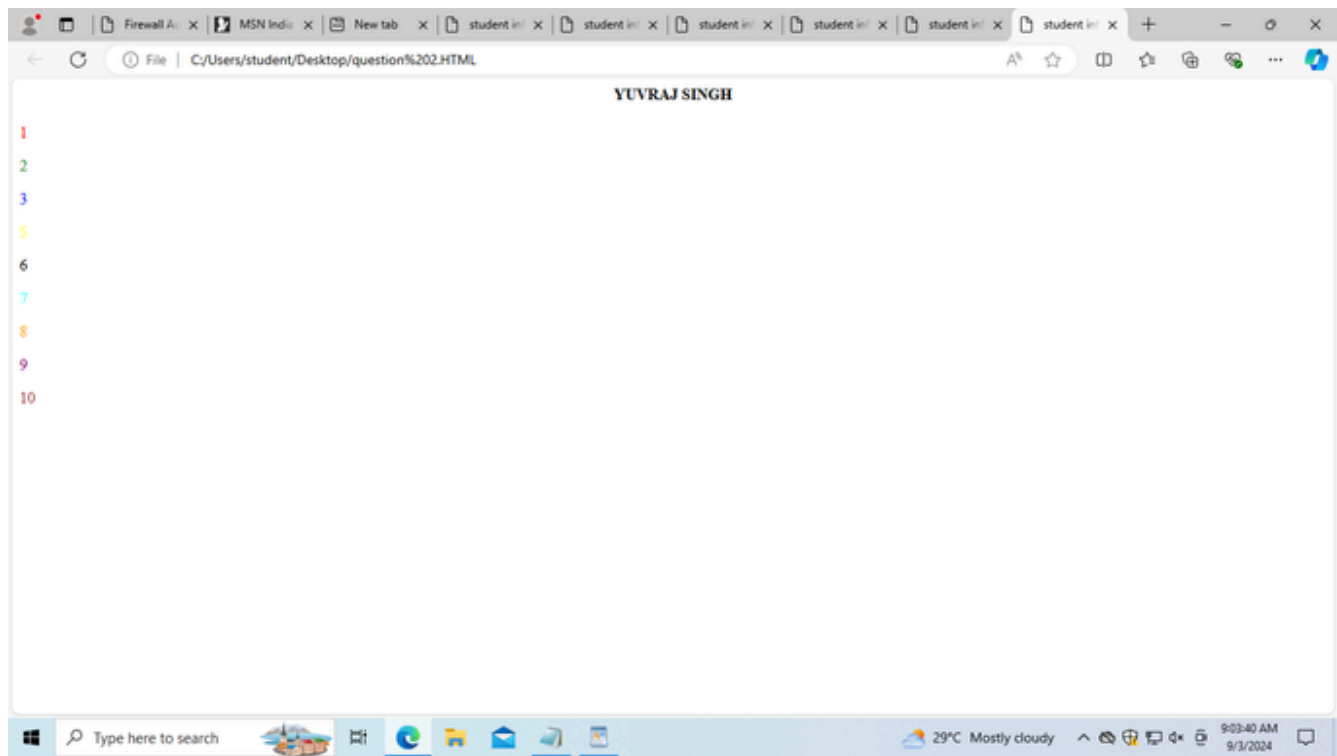
<P style="color:orange;">8</P>

<P style="color:purple;">9</P>

<P style="color:brown;">10</P>

</body>

</html>
```



QUESTION 5 HOW TO MAKE A PICTURE AS A BACKGROUND ON MY WEB PAGE ?

```
<doctype>
```

```
<html>
```

```
<head>
```

```
<title> background photo </title>
```

```
</head>
```

```
<body>
```

```
<CENTER>
```

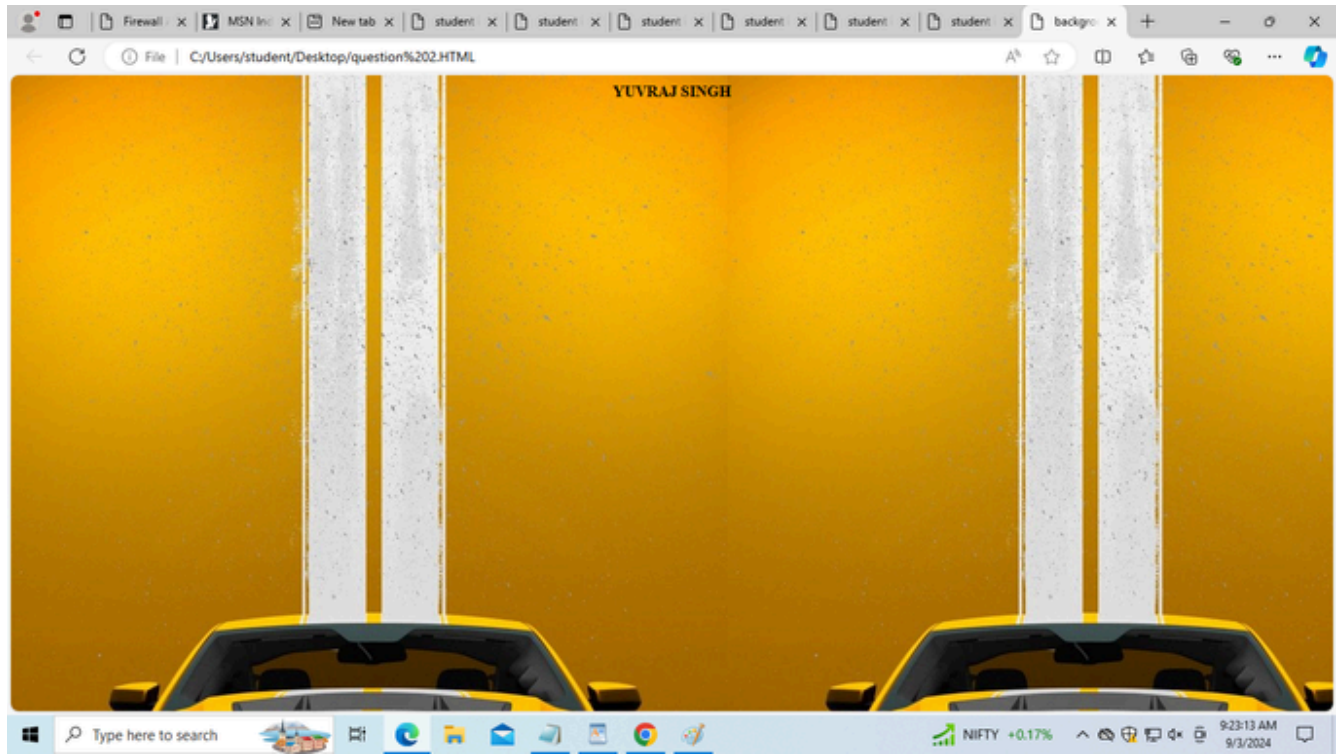
```
<h4>YUVRAJ SINGH </h4>
```

```
</CENTER>
```

```
<body background="car.jpeg">
```

```
</body>
```

```
</html>
```



Q6 = CREATE A WEB PAGE TO PRINT A PARAGRAPH WITH 4-5 SENTENCE , EACH SENTENCE SHALL BE HAVE A DIFFERENT FONT ?

```
<HTML>
```

```
<HEAD>
```

```
<h1> Different font </h1>
```

```
<title> styles </title>
```

```
</HEAD>
```

```
<body>
```

```
<p>
```

```
<B> MY NAME IS YUVRAJ SINGH </B>
```

```
<BR><I> I AM CURRENTLY PURSUING BCA AI/ML </I>
```

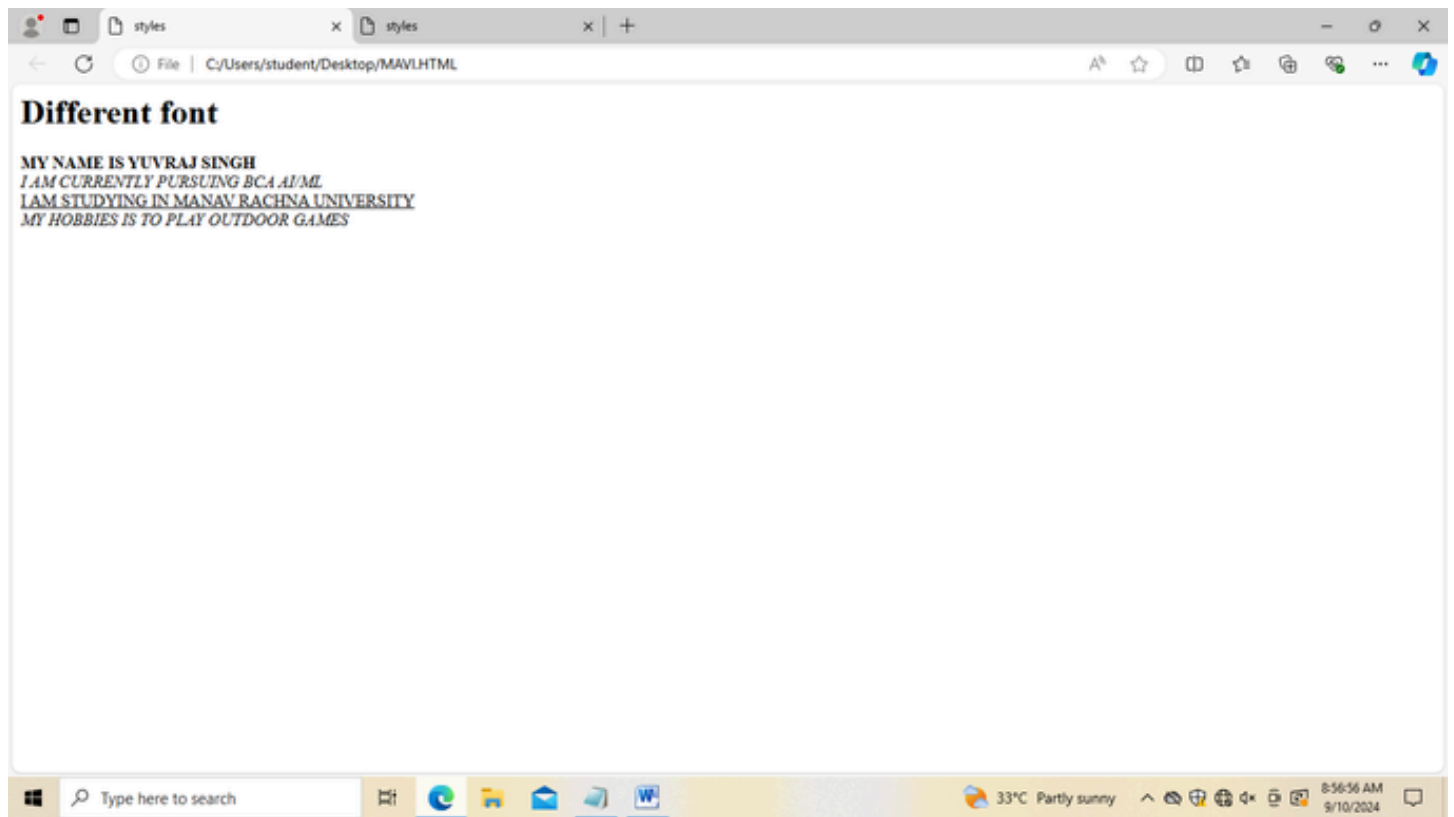
```
<BR><U> I AM STUDYING IN MANAV RACHNA UNIVERSITY </U>
```

```
<BR><EM> MY HOBBIES IS TO PLAY OUTDOOR GAMES </EM>
```

```
</P>
```

```
</BODY>
```

```
</HTML>
```



Q7 WRITE HTML CODE TO PRINT A PARAGRAPH THAT IS DESCRIBED OF A BOOK , IT SHALL INCLUDE THE TITLE SHOULD BE UNDERLINED AND ALL ADJECTIVES SHALL BOLD AND ITALICS?

<HTML>

<HEAD>

<TITLE> BOOK</TITLE>

</HEAD>

<BODY>

<H1><U><B><CENTER> TITLE OF BOOK: HARRY POTTER </CENTER></B></U></H1>

<P><I> Author name j.k rowling </br></i>

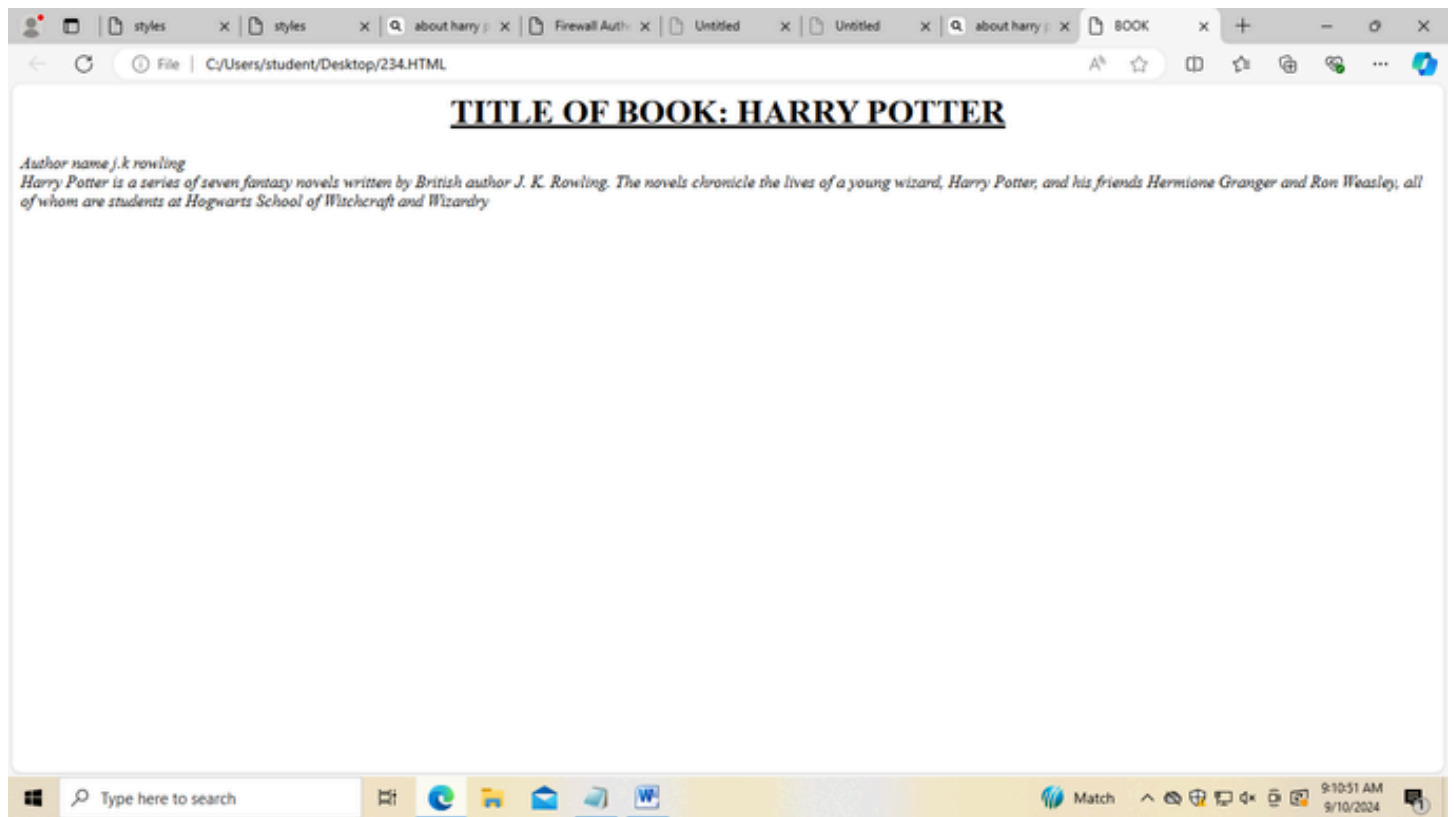
<i> Harry Potter is a series of seven fantasy novels written by British author J. K. Rowling. The novels chronicle the lives of a young wizard, Harry Potter, and his friends Hermione Granger and Ron Weasley, all of whom are students at Hogwarts School of Witchcraft and Wizardry

</i></p>

</p>

</body>

</html>



Q8 write HTML code to print your name using heading tag , every letter shall be of different heading size ?

<HTML>

<HEAD>

<TITLE> BOOK</TITLE>

</HEAD>

<BODY>

<H1> Y </H1>

<H2> U </H2>

<H3> V </H3>

<H4> R </H4>

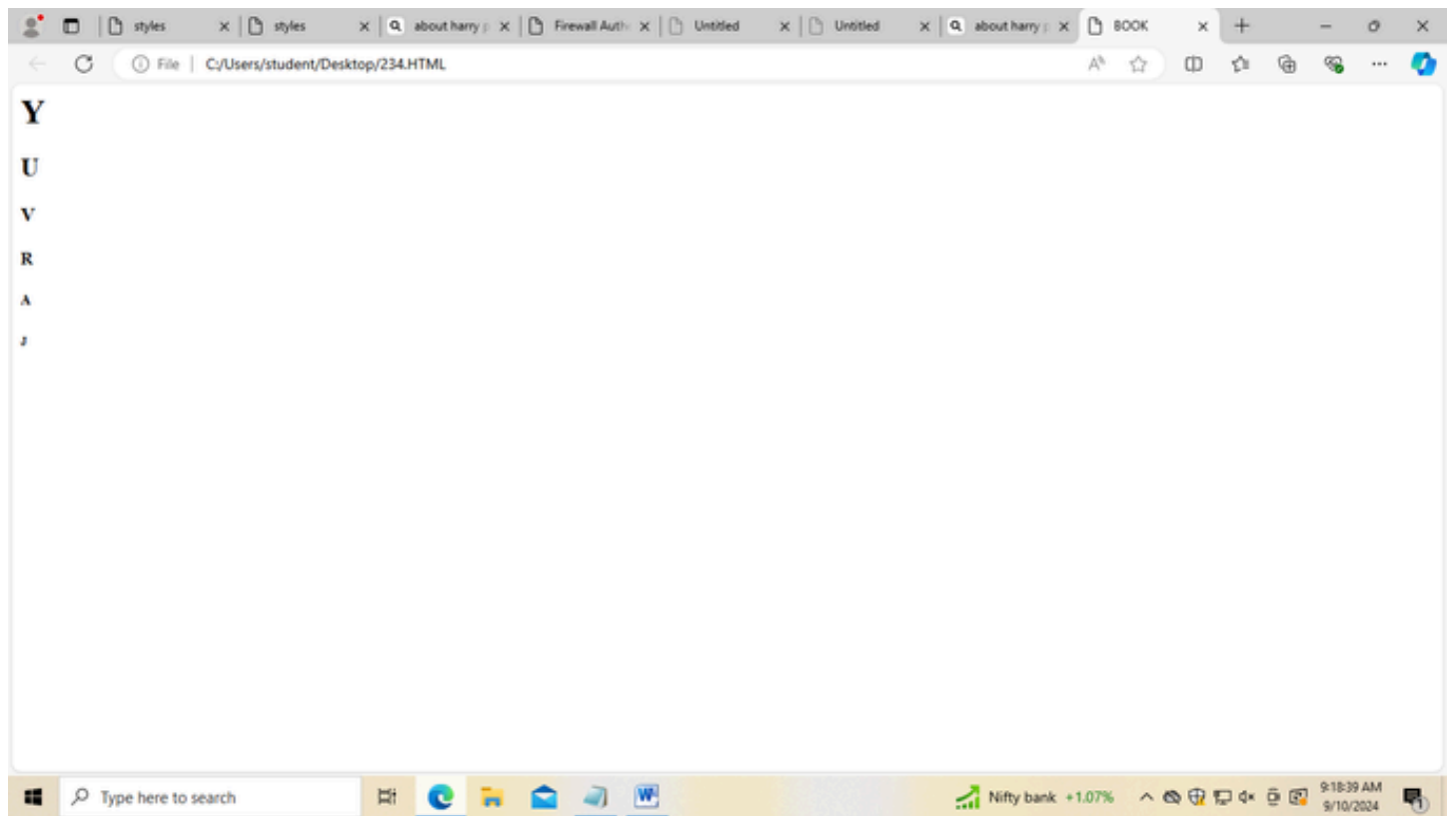
<H5> A </H5>

<H6> J </H6>

</BODY>

</HTML>





Q9 write HTML code to print the sequence of no. 1–20. Each number shall be in different line with number 2 next to it as subscript, an equal sign and the result?

<HTML>

<HEAD>

<TITLE> BOOK</TITLE>

</HEAD>

<BODY>

<P>1<SUB>2</SUB> = 2</P>

<P>2<SUB>2</SUB> = 4</P>

<P>3<SUB>2</SUB> = 6</P>

<P>4<SUB>2</SUB> = 8</P>

<P>5<SUB>2</SUB> = 10</P>

<P>6<SUB>2</SUB> = 12</P>

<P>7<SUB>2</SUB> = 14</P>

<P>8<SUB>2</SUB> = 16</P>

<P>9<SUB>2</SUB> = 18</P>

<P>10<SUB>2</SUB> = 20</P>

<P>11<SUB>2</SUB> = 22</P>

<P>12<SUB>2</SUB> = 24</P>

<P>13<SUB>2</SUB> = 26</P>

<P>14<SUB>2</SUB> = 28</P>

<P>15<SUB>2</SUB> = 30</P>

<P>16<SUB>2</SUB> = 32</P>

<P>17<SUB>2</SUB> = 34</P>

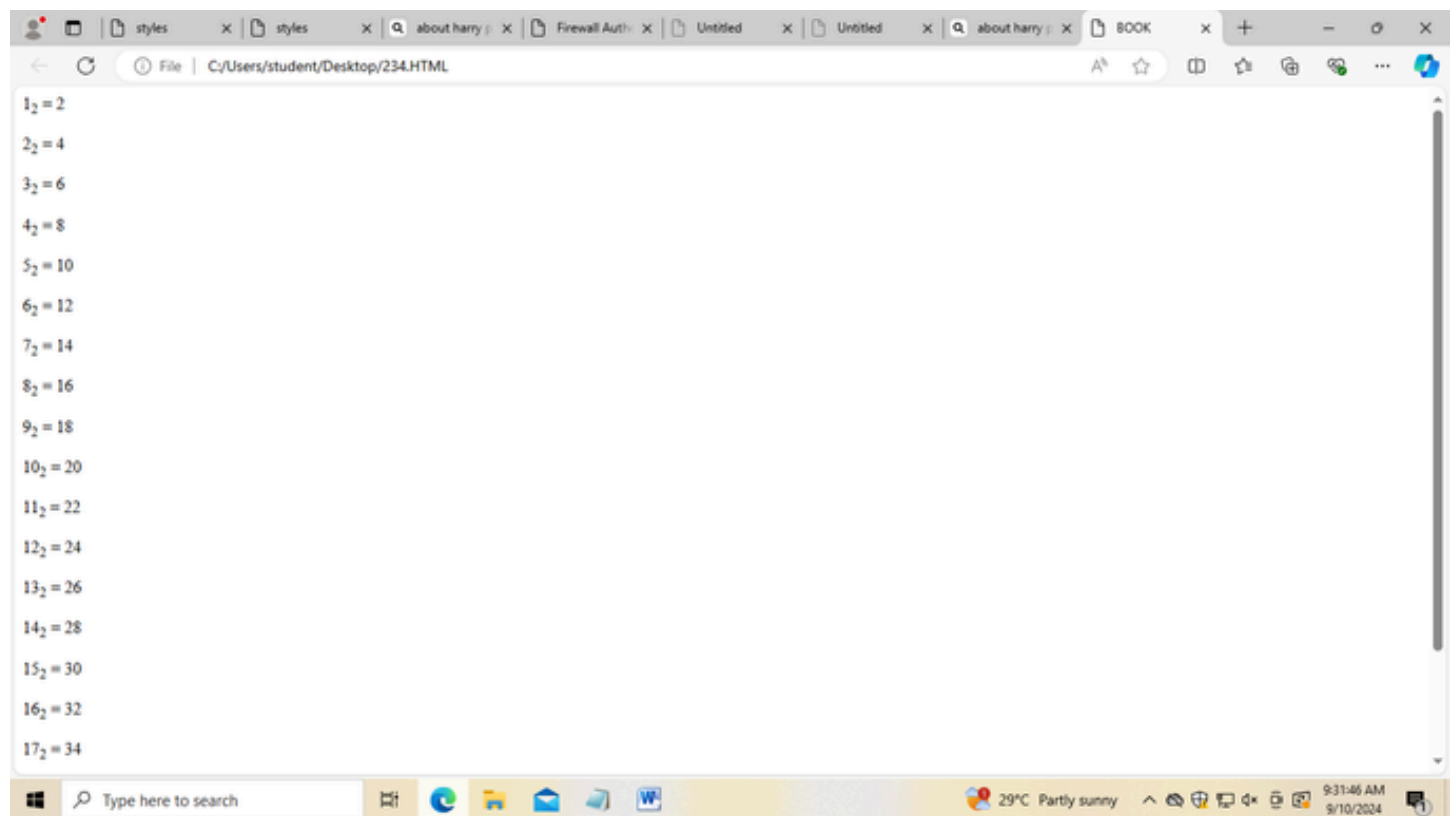
<P>18<SUB>2</SUB> = 36</P>

<P>19<SUB>2</SUB> = 38</P>

<P>20<SUB>2</SUB> = 40</P>

</BODY>

</HTML>



Q10) write a 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>Image</title>
```

```
</head>
```

```
<body>
```

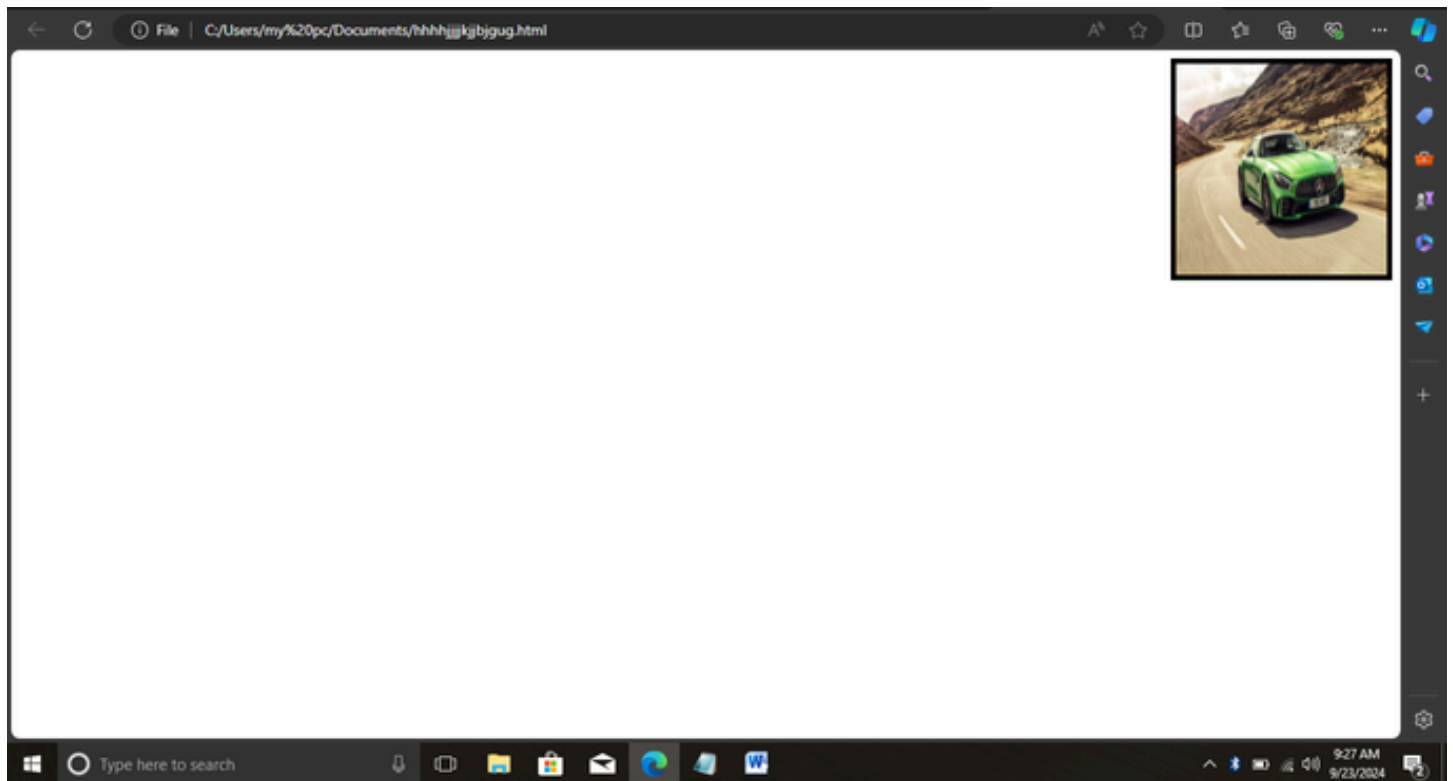
```

```

```
</body>
```

```
</html>
```

OUTPUT –



Q11) write a 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 center , just below the heading .

Input –

```
<html>
```

```
<head>

<title>Web Page with Centered Heading and Image</title>

</head>

<body>

<h1 style="text-align: center;">Heading</h1>

<div style="text-align: center;">

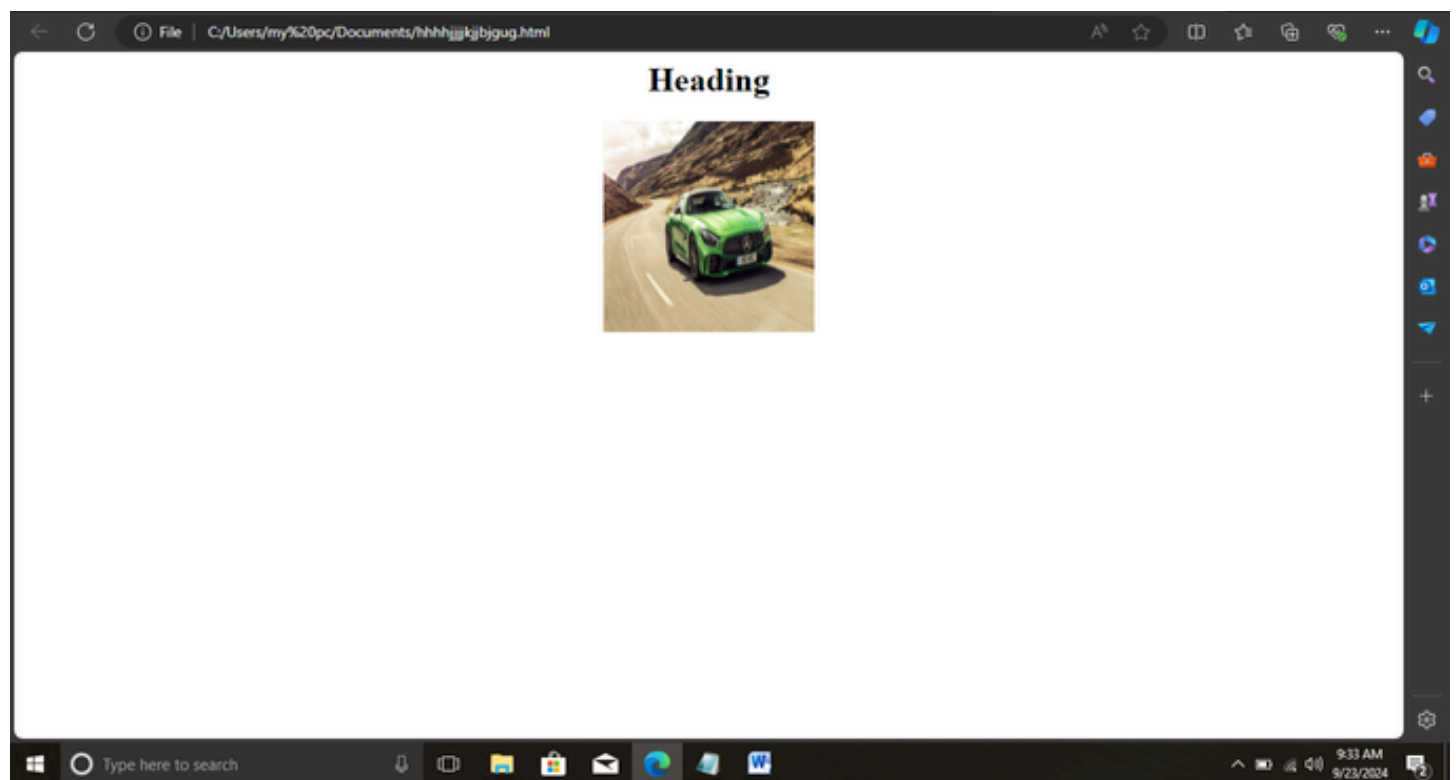


</div>

</body>

</html>
```

OUTPUT –



**Q12. Write HTML code using Multimedia tags?**

```
<html>

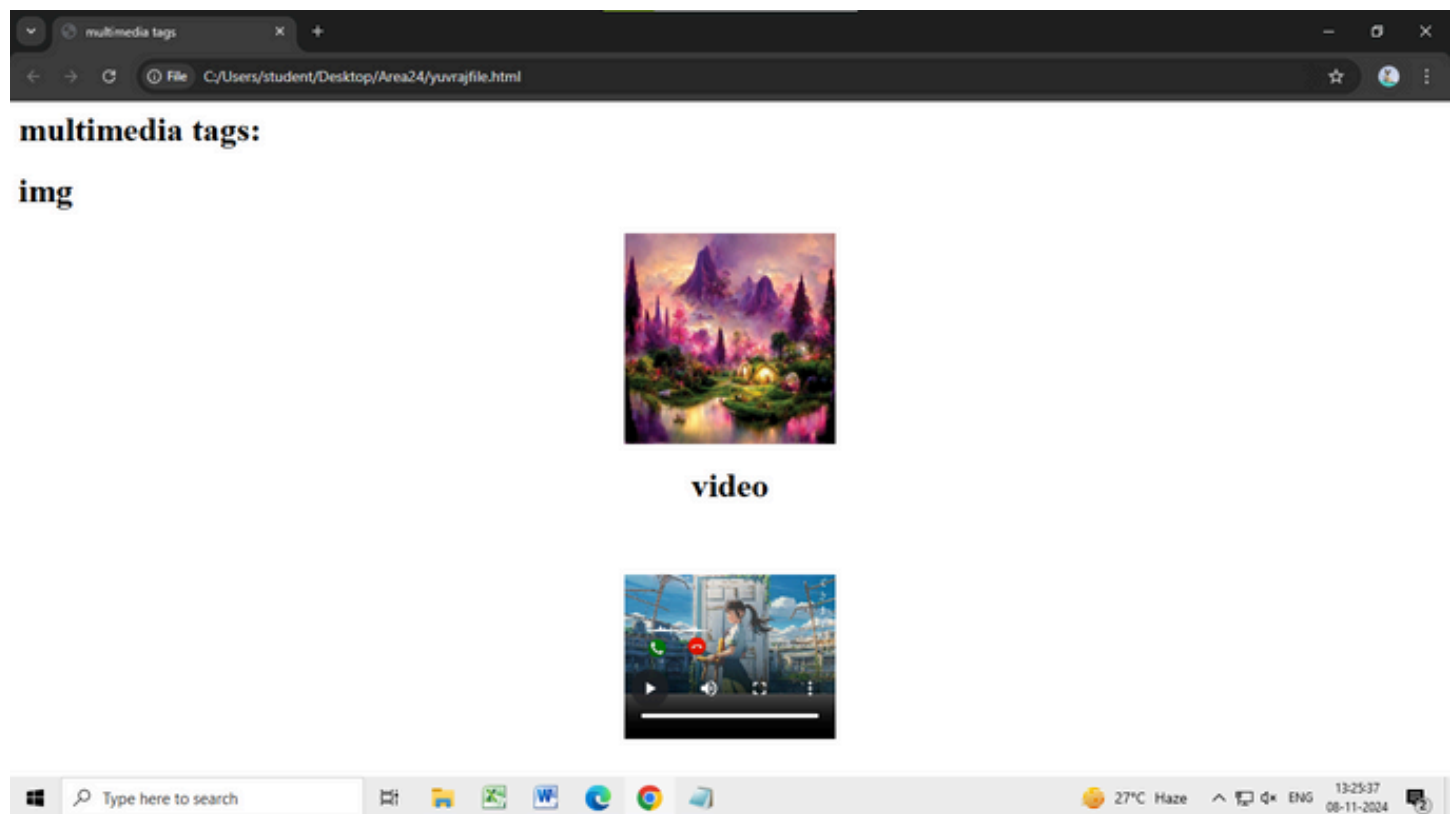
<head>

<title> multimedia tags</title>

</head>
```

```
<body>
<h1> multimedia tags: </h1>
<h1>img</h1>
<center>

<h1> video </h1>
<video src="C:\Users\student\Desktop/yuvraj video.mp4"
height="200", width="200"controls/>
</body>
</html>
```



Q13: Create a Table using Rowspan and Colspan taking example of student Record?

Ans:

## 1. rowspan

```
<html>

<head>

<title> my world </title>

</head>

<body>

<h1> table </h1>

<table border="2">

<tr>

<th> name</th>

<th> roll no</th>

</tr>

<tr>

<td> yuvraj</td>

<td rowspan="2">23</td>

</tr>

<tr>

<td> prabhun </td>

</tr>

</table>

</body>

</html>
```

multimedia tags x my world x my world x +

File C:/Users/student/Desktop/Area24/yuvraj2.html

Q13: Create a Table using Rowspan and Colspan taking example of student Record? Ans: 1. rowspan

**table**

name	roll no
yuvraj	23
prabhu	

Type here to search

27°C Haze 13:30:29 08-11-2024

2. Colspan:

```
<html>
```

```
<head>
```

```
<title> my world </title>
```

```
</head>
```

```
<body>
```

```
<h1> table </h1>
```

```
<table border="2">
```

```
<tr>
```

```
<th> name</td>
```

```
<th> roll no</td>
```

```
<th> class</th>
```

```
</tr>
```

```
<tr>
```

```
<td>yuvraj</td>
```

```
<td colspan="2">23</td>
```

```
</tr>
```

```
<tr>
```

```
<td> prabhun</td>
```

```
<td> 24</td>
```

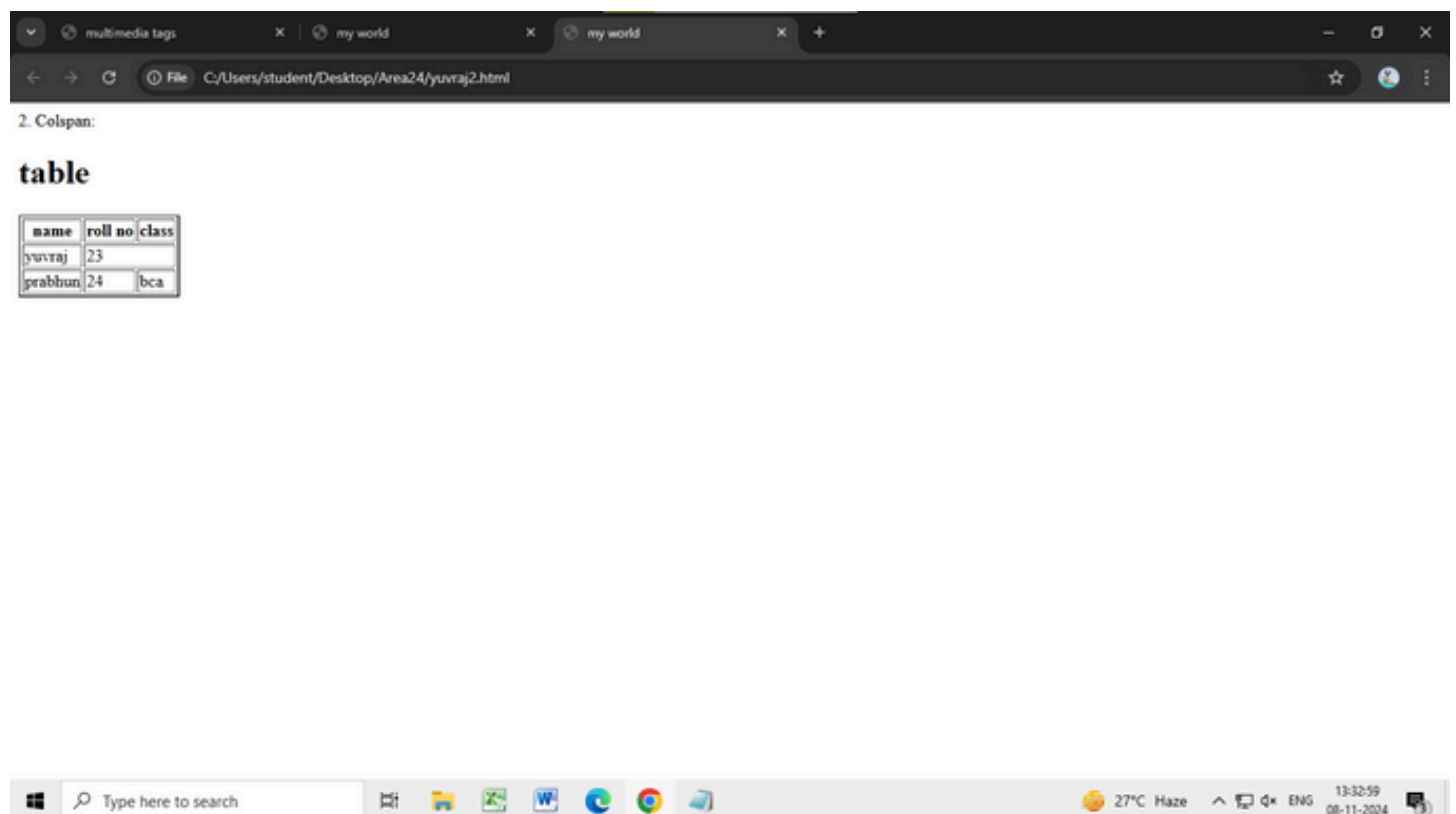
```
<td> bca </td>
```

```
</tr>
```

```
</table>
```

```
</body>
```

```
</html>
```



Q14. Write HTML code using table tag <table> and cellpadding and cell spacing as its attributes.

Input:

```
<html>
```



```
<head></head>

<body>

<table border="2pt" cellspacing="5pt" cellpadding="5pt">

<tr>

<th>S.no</th>

<th>Roll no.</th>

<th>Name</th>

<th>Address</th></tr>

<tr>

<td>1</td>

<td>123</td>

<td>ABC</td>

<td>FBD</td></tr>

<tr>

<td>2</td>

<td>456</td>

<td>XYZ</td>

<td>delhi</td></tr>

<tr>

<td>3</td>

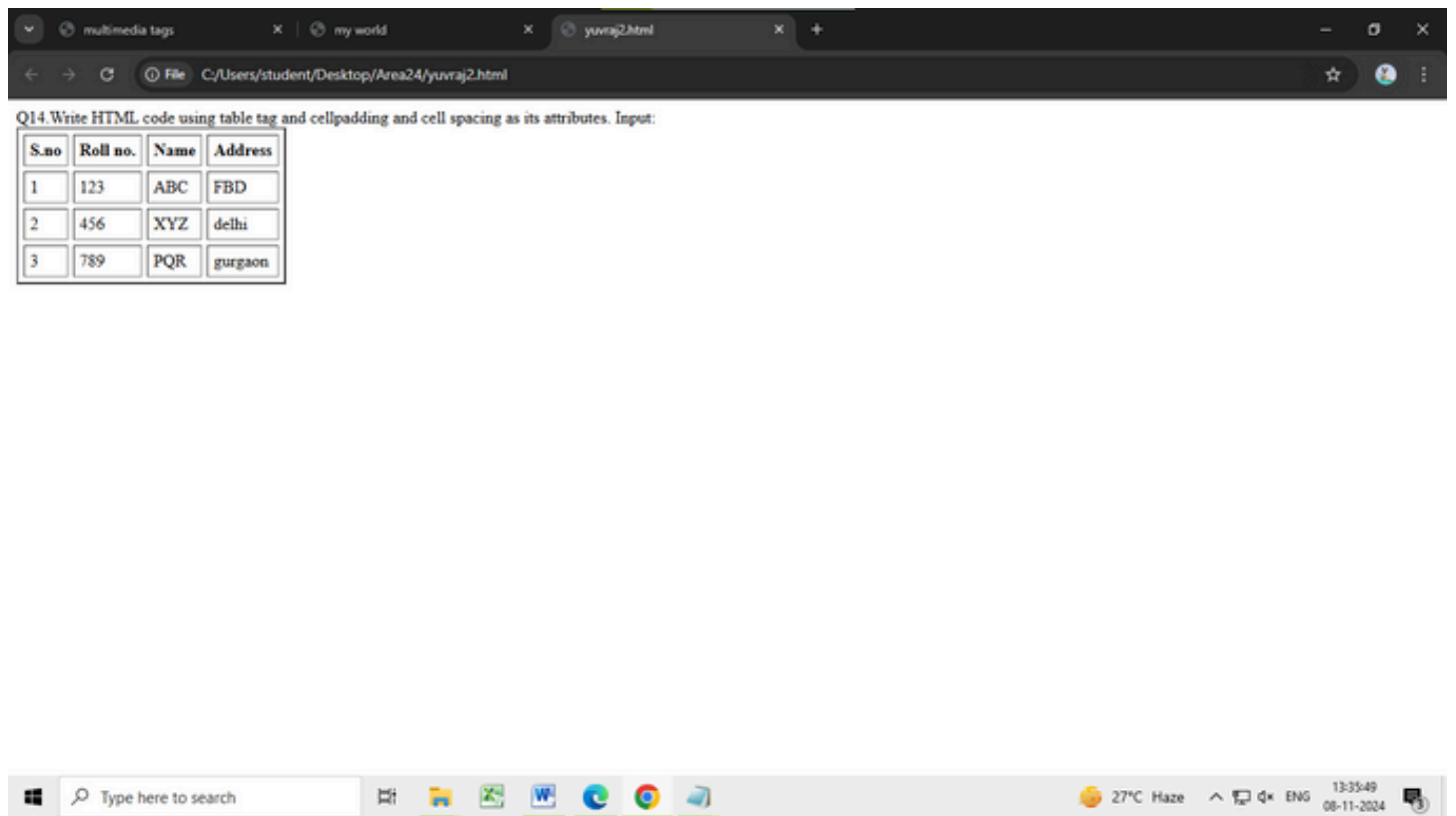
<td>789</td>

<td>PQR</td>

<td>gurgaon</td></tr>

</table></body>

</html>
```



Q15. Create unordered, ordered and definition Lists taking example of your subjects in MCA IST, IInd and IIIrd Semester.

Input :

```
<html>
```

```
<head></head>
```

```
<body>
```

```
<h3> Subjects in BCA sem 1</h3>
```

```
<ol>
```

```
<li>Web technologies</li>
```

```
<ul>
```

```
<li>introduction to Networks</li>
```

```
<li>introduction to e-mail</li>
```

```
<li>introduction to html</li>
```

```
</ul>
```

```
<li>Introduction to IT & programming in C</li>
```

```
<ul>
<li>Input output devices</li>
<li>compilers,Interpreters,assemblers</li>
<li>various programs in C</li>
```

```
</ul>
```

```
<li>Mathematics</li>
```

```
<ul>
```

```
<li>matrices</li>
```

```
<li>surds and insurdes</li>
```

```
<li>trigonometry</li><ul><ol>
```

```
</body>
```

```
</html>Q15. Create unordered, ordered and definition Lists taking example of
your subjects in MCA IST, IInd and IIIrd Semester.
```

Input :

```
<html>
```

```
<head></head>
```

```
<body>
```

```
<h3> Subjects in BCA sem 1</h3>
```

```
<ol>
```

```
<li>Web technologies</li>
```

```
<ul>
```

```
<li>introduction to Networks</li>
```

```
<li>introduction to e-mail</li>
```

```
<li>introduction to html</li>
```

```
</ul>
```

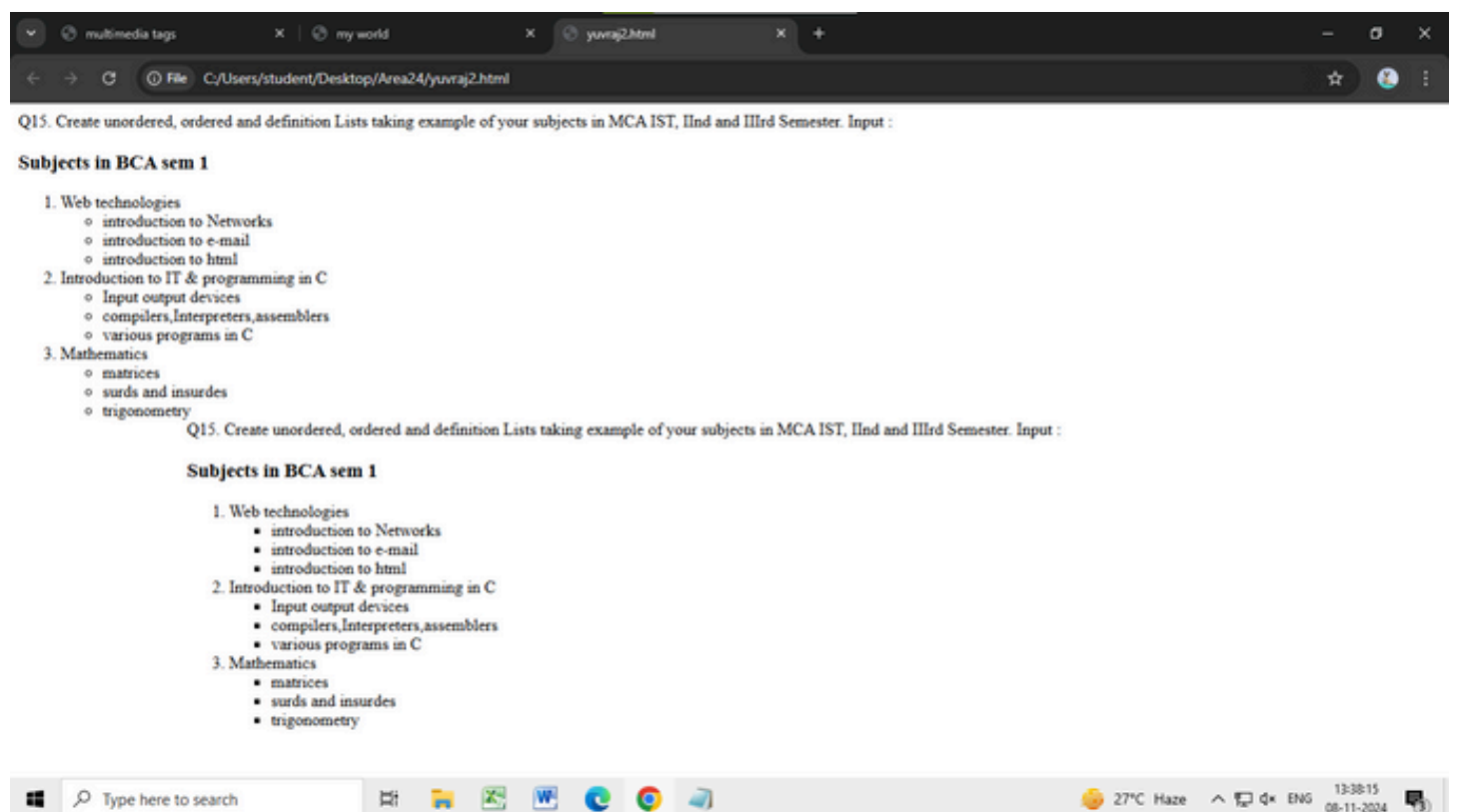
```
<li>Introduction to IT & programming in C</li>
```

```
<ul>
```

```

</li>Input output devices</li>
</li>compilers,Interpreters,assemblers</li>
</li>various programs in C</li>
</ul>
</li>Mathematics</li>
</ul>
</li>matrices</li>
</li>surds and insurdes</li>
</li>trigonometry</li><ul><ol>
</body>
</html>

```



Q17Write HTML code to design a form in HTML using controls and buttons such as Teaxtbox, Textarea, password, submit button, browse button, drop-down menu?

```
<html>

<head>

<title> Form </title>

</head>

<body>

<h1>FORM</h1>

<form>

<fieldset>

<legend><font color="red" size="5" face="arial"><b>COLLEGE
FORM</b></font></legend>

<label for="fname" id=name><b>Name:</b></label><br>

<input type="text" required/>

<label for="12th Marks" id="name"><b> 12th Marks(%):</b></label>

<input type="number" max="100" min="33" required/>

<b> Upload here</b>

<input type="file"/><br>

<label for="Email" id=name required>Email:</label><br>

<input type="Email"/>

<label for="10th Marks" id="name" required ><b>10th
Marks(%):</b></label>

<input type="number" max="100" min="33"/>

<b> Upload here</b>

<input type="file" name="mark sheet"/><br>

<label for="Name" id=name>Father's Name:</label><br>

<input type="text"/>

<font color="red">Charactor certificate</font>

<input type="file" required/><br>
```

<label for="Course Name" id=name>Course Name:</label><br>

<input type="text"/>

<font color="red">Migration certificate</font>

<input type="file"/><br><br>

<b>Phone No:</b>

<input type="text" size="9" maxlength="10" required/>

<hr>

<b><font size="2" color="red" face="arial"><u>

gender</u></font></b><br>

<input type="radio" name="gender"/>

<label for="gender" name="gender">Male</label>

<input type="radio" name="gender"/>

<label for="gender" name="gender">female</label>

<input type="radio" name="gender"/>

<label for="gender" name="gender">others</label><br>

<b><font size="2" color="red" face="arial"

><u>Subject</u></font></b><br>

<input type="Checkbox"/>

<label for="Subject" name="subject">Wt</label>

<input type="Checkbox"/>

<label for="Subject" name="subject">Dbms</label>

<input type="Checkbox"/>

<label for="Subject" name="subject">ITPC</label>

<input type="Checkbox"/>

<label for="Subject" name="subject">Eng</label>

<input type="Checkbox"/>

<label for="Subject" name="subject">History</label><br>

```
<font color="red" size="2" face="arial"><u>Section</u></font>
<select id="section" name="section" required>
<option value="A">A</option>
<option value="B" selected>B</option>
<option value="C">C</option>
<option value="D">D</option>
</select>

<hr>

<label for="date" name="birth">DOB:</label>
<input type="date" max="2007" min="2003" required/><br><br>
<label for="date" name="birth">Date of joining</label>
<input type="month" id="joining" required/><br>
<br>
<input type="image" height="90" width="400" align="right"
src="C:\Users\parth\Downloads\sign.jpg"/>
<textarea rows="5" cols="40">Review:</textarea><br><br>
<button>Submit</button>
<button>Cancel</button>
</fieldset>
</form>
</body>
</html>
```

The screenshot shows a web browser window with the address bar displaying 'C:/Users/student/Desktop/Area24/yuvraj2.html'. The page title is 'FORM'. The main content is a 'COLLEGE FORM' with the following fields and options:

- Name:** Text input field.
- 12th Marks(%)**: Text input field.
- Upload here**: Button with 'Choose File' and 'No file chosen' options.
- Email:** Text input field.
- 10th Marks(%)**: Text input field.
- Upload here**: Button with 'Choose File' and 'No file chosen' options.
- Father's Name:** Text input field.
- Character certificate**: Button with 'Choose File' and 'No file chosen' options.
- Course Name:** Text input field.
- Migration certificate**: Button with 'Choose File' and 'No file chosen' options.
- Phone No:** Text input field.
- gender**: Radio buttons for Male, female, others.
- Subject**: Checkboxes for Wt, Dbms, ITPC, Eng, History.
- Section**: Dropdown menu with 'B' selected.
- DOB:** Text input field with a date picker icon.
- Date of joining**: Text input field with a date picker icon.
- Review:** Text area.
- Submit**: Button.
- Cancel**: Button.

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons (File Explorer, Word, Edge, Chrome, etc.). The system tray on the right shows the date and time as 13:39:49 on 08-11-2024.

Q18. Write HTML code to design a Registration Form in HTML.

Input:

```
<!DOCTYPE html>

<html>

<head>

<title>Grade Volleyball Registration Form</title>

</head>

<body>

<h1>Grade Volleyball Registration Form</h1>

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

<label for="first_name">Participant Name</label><br>

<input type="text" id="first_name" name="first_name"

placeholder="First"><br>

<input type="text" name="last_name"

placeholder="Last"><br><br>
```



```
<label for="age">Age</label><br>
<input type="number" id="age" name="age"><br><br>
<label for="grade">Grade</label><br>
<select id="grade" name="grade">
  <option value="">Please select</option>
  <option value="1">1</option>
  <option value="2">2</option>
</select><br><br>
<label for="school_district">School District</label><br>
<input type="text" id="school_district"
name="school_district"><br><br>
<label for="shirt_size">Shirt Size</label><br>
<select id="shirt_size" name="shirt_size">
  <option value="">Please select</option>
  <option value="s">Small</option>
  <option value="m">Medium</option>
  <option value="l">Large</option>
  <option value="xl">Extra Large</option>
</select><br><br>
<label for="parent_first_name">Parent Name</label><br>
<input type="text" id="parent_first_name"
name="parent_first_name" placeholder="First"><br>
<input type="text" name="parent_last_name"
placeholder="Last"><br><br>
<label for="emergency_contact">Emergency Contact</label><br>
<input type="text" id="emergency_contact"
name="emergency_contact"><br><br>
```

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

</form>

</body>

</html>
```

The screenshot shows a web browser window with the title 'Grade Volleyball Registration F...'. The address bar shows the file path 'C:/Users/student/Desktop/Area24/yuvraj2.html'. The page content includes a heading 'Grade Volleyball Registration Form' and a form with the following fields: 'Participant Name' (First and Last), 'Age' (text input), 'Grade' (dropdown menu), 'School District' (text input), 'Shirt Size' (dropdown menu), 'Parent Name' (First and Last), 'Emergency Contact' (text input), and a 'Submit' button. The Windows taskbar at the bottom shows the search bar, task view, and several application icons. The system tray on the right shows the temperature (27°C), weather (Haze), and the date and time (13:40:57, 08-11-2024).

Q19. Write HTML code to design a student admission Form in HTML.

Input:

```
<!DOCTYPE html>

<html>

<head>

<title>Student Admission Form</title>

</head>

<body>

<h1>Student Admission Form</h1>

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

<label for="student_name">Student Name</label><br>

<input type="text" id="student_name" name="student_name"
```

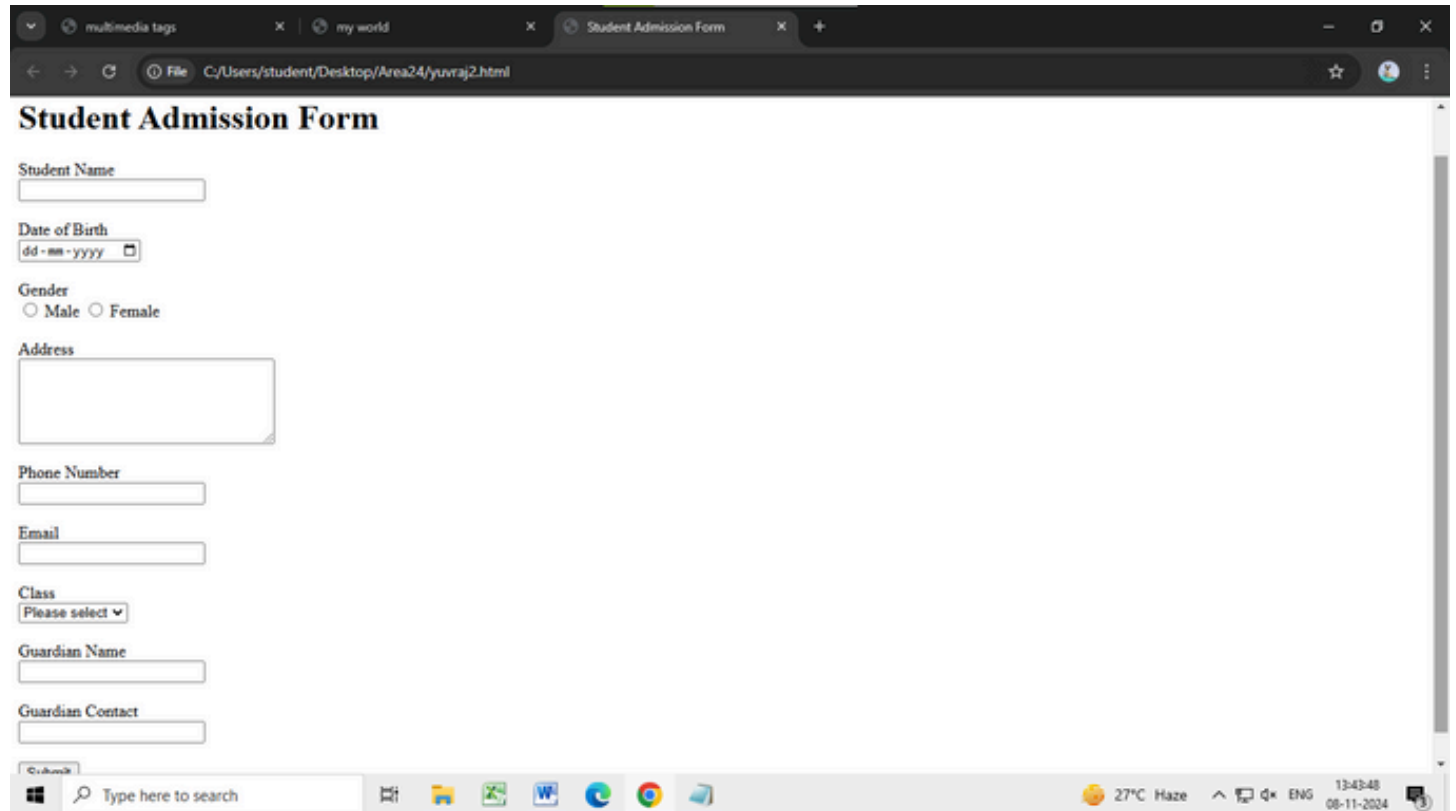
```
required><br><br>
<label for="date_of_birth">Date of Birth</label><br>
<input type="date" id="date_of_birth" name="date_of_birth"
required><br><br>
<label
for="gender">Gender</label><br>
<input type="radio" id="male" name="gender" value="male">
<label for="male">Male</label>
<input type="radio" id="female"
name="gender" value="female">
<label for="female">Female</label><br><br>
<label for="address">Address</label><br>
<textarea id="address" name="address"
rows="5" cols="30" required></textarea><br><br>
<label for="phone_number">Phone Number</label><br>
<input type="tel" id="phone_number" name="phone_number"
required><br><br>
<label for="email">Email</label><br>
<input type="email" id="email" name="email" required><br><br>
<label for="class">Class</label><br>
<select id="class" name="class" required>
<option value="">Please select</option>
<option value="1">1</option>
<option value="2">2</option>
</select><br><br>
<label for="guardian_name">Guardian Name</label><br>
<input type="text" id="guardian_name" name="guardian_name"
required><br><br>
<label for="guardian_contact">Guardian Contact</label><br>
<input type="tel" id="guardian_contact" name="guardian_contact"
required><br><br>
```

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

</form>

</body>

</html>



The screenshot shows a web browser window with the title 'Student Admission Form'. The browser's address bar shows the file path 'C:/Users/student/Desktop/Area24/yuvraj2.html'. The form itself is titled 'Student Admission Form' and contains the following fields:

- Student Name: A text input field.
- Date of Birth: A date picker showing 'dd-mm-yyyy'.
- Gender: Two radio buttons labeled 'Male' and 'Female'.
- Address: A large text area.
- Phone Number: A text input field.
- Email: A text input field.
- Class: A dropdown menu with 'Please select' as the current selection.
- Guardian Name: A text input field.
- Guardian Contact: A text input field.

The Windows taskbar is visible at the bottom, showing the search bar, taskbar icons, and system tray information including temperature (27°C), weather (Haze), and date/time (13:43:48, 08-11-2024).

Q20. Create a proper home page of your own using any components and styles.

Input:

<!DOCTYPE html>

<html>

<head>

<title>My Personal Website</title>

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

</head>

<body>

<header>

```
<h1>My Name</h1>

<nav>

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="about.html">About</a></li>

<li><a href="projects.html">Projects</a></li>

<li><a href="contact.html">Contact</a></li>

</ul>

</nav>

</header>

<main>

<section>

<h2>Welcome to My
Website!</h2>

<p>This is a brief introduction about myself. Feel free to explore
my projects and contact me.</p>



</section>

</main>

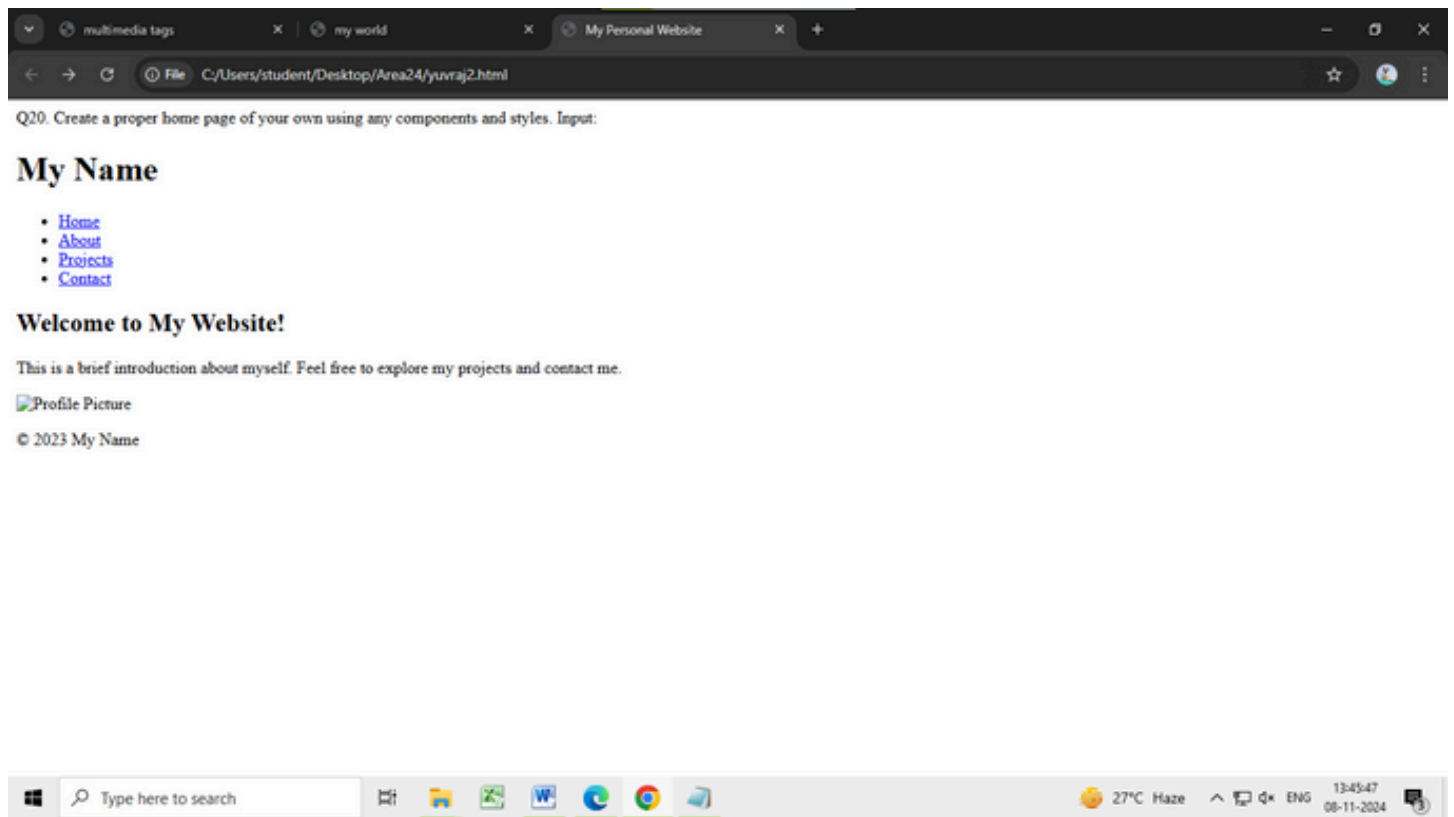
<footer>

<p>&copy; 2023 My Name</p>

</footer>

</body>

</html>
```



Q21. Write HTML code for including Local hyperlinking in a web page.

Input:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Local Hyperlinking Example</title>
```

```
</head>
```

```
<body>
```

```
<h1>Local Hyperlinking</h1>
```

```
<p>This is a sample paragraph with a local hyperlink to another section within the same page.</p>
```

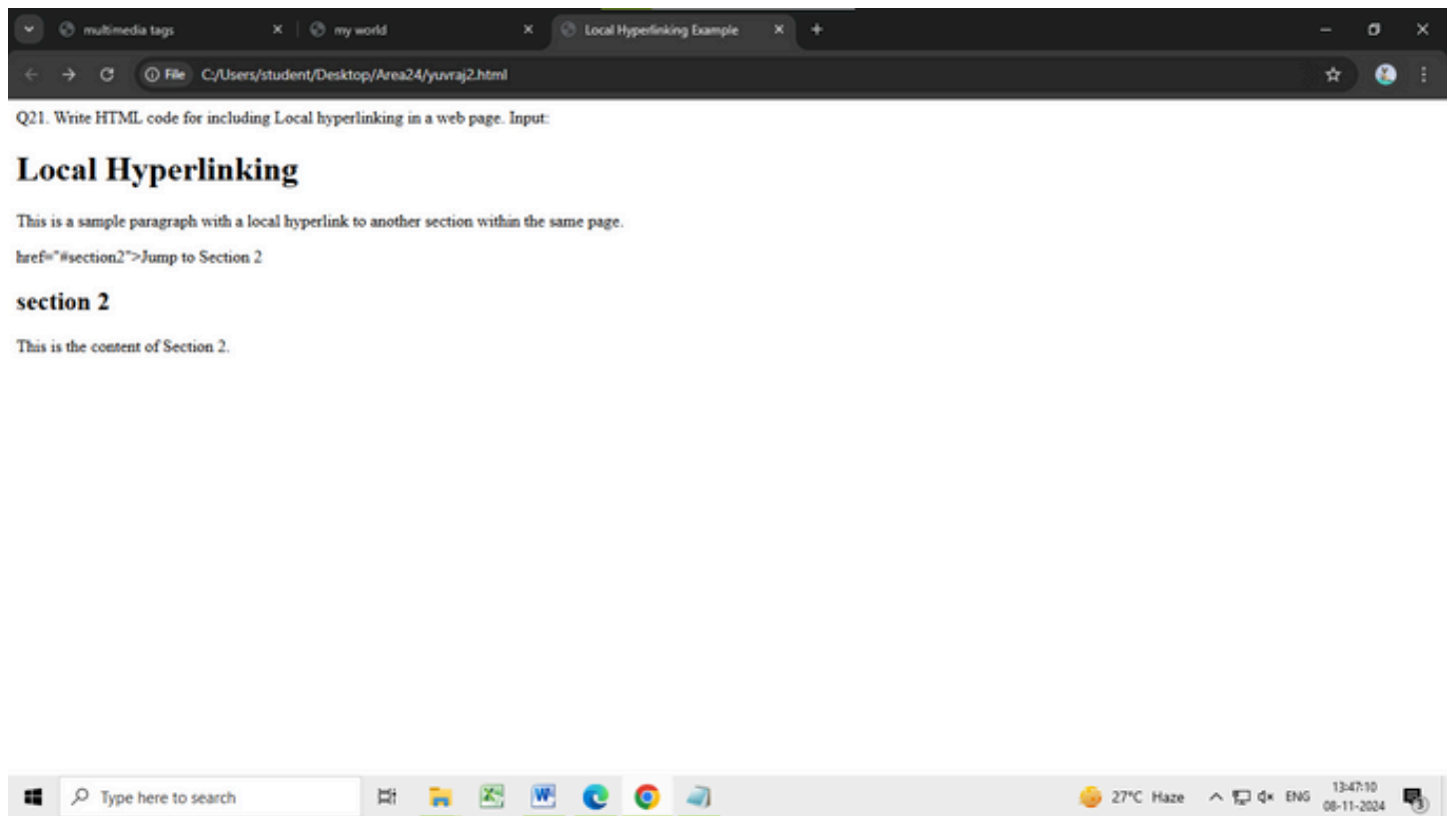
```
<a href="#section2">Jump to Section 2</a>
```

```
<h2 id="section 2">section 2</h2>
```

```
<p>This is the content of Section 2.</p>
```

```
</body>
```

```
</html>
```



Q22. Write HTML code for including Inter hyperlinking in a web page.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Inter Hyperlinking Example</title>
```

```
</head>
```

```
<body>
```

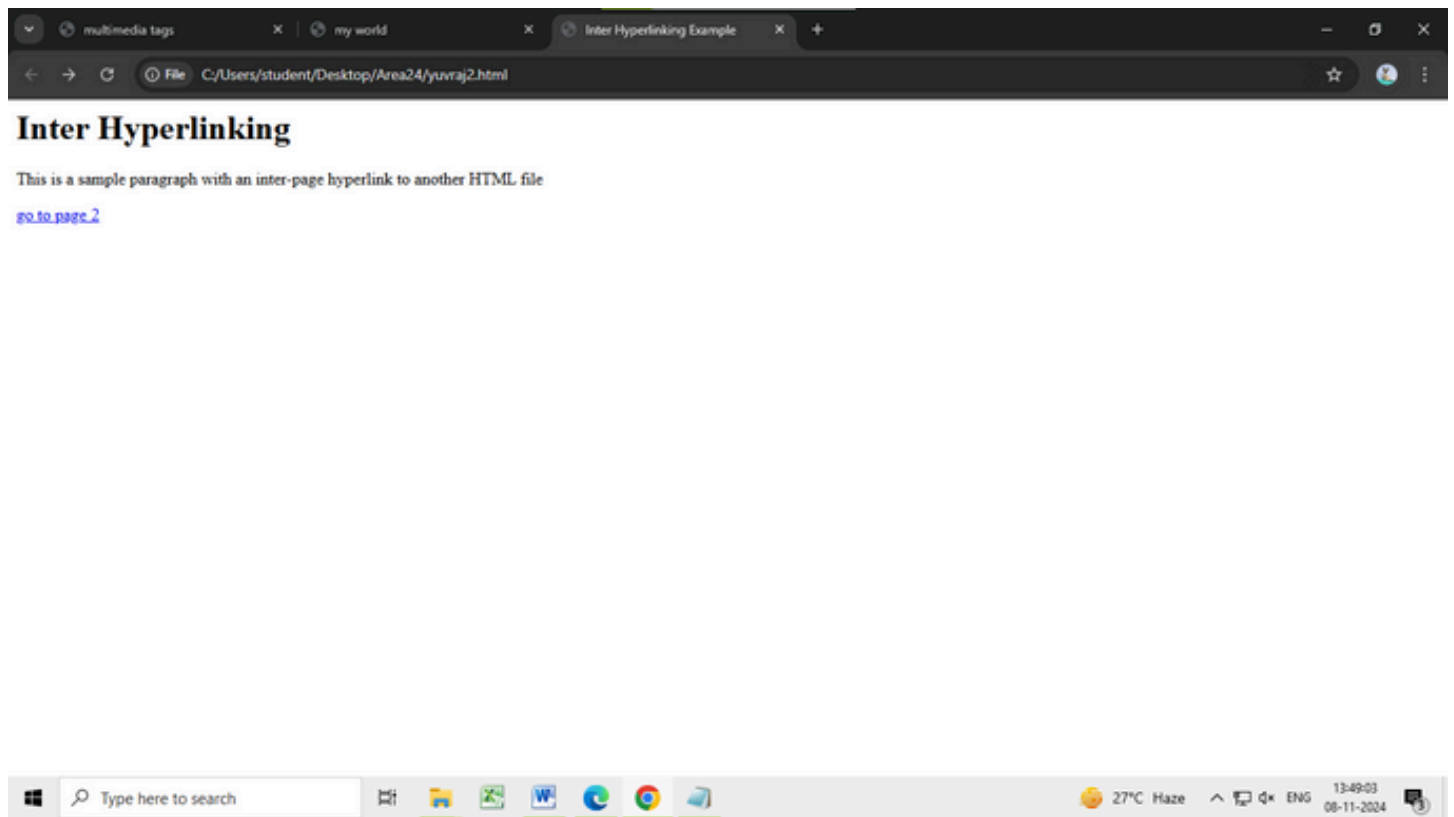
```
<h1>Inter Hyperlinking</h1>
```

```
<p>This is a sample paragraph with an inter-page hyperlink to another HTML file</p>
```

```
<a href="page2.html">go to page 2</a>
```

```
</body>
```

```
</html>
```



Q23. Write HTML code for including External hyperlinking in a web page.

Input:

```
<!DOCTYPE html>

<html>

<head>

<title>External Hyperlinking Example</title>

</head>

<body>

<h1>External Hyperlinking</h1>

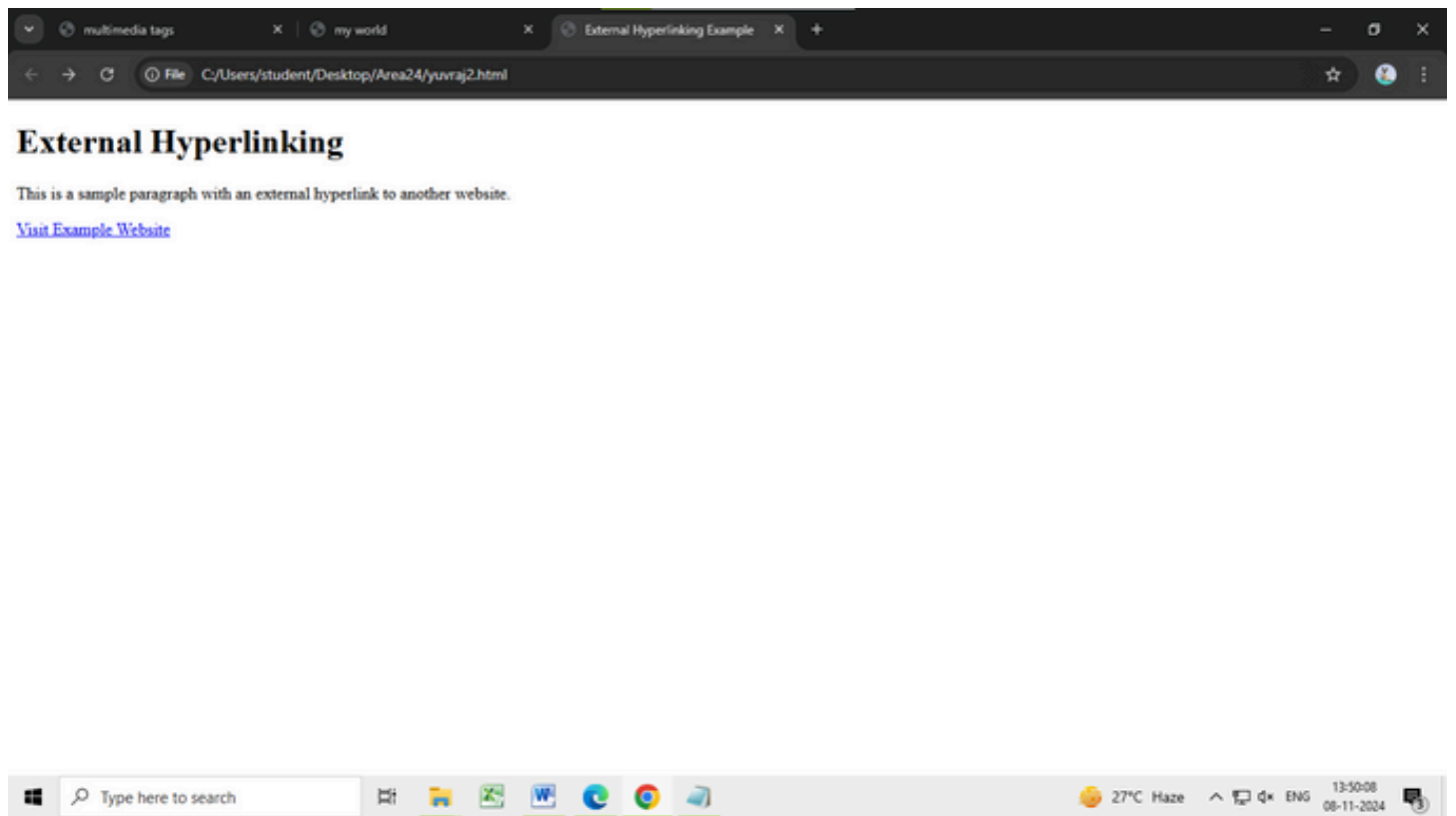
<p>This is a sample paragraph with an external hyperlink to another website.</p>

<a href="https://www.example.com">Visit Example Website</a>

</body>

</html>
```





Q24. Write code to show External CSS with HTML code.

Input:

```
<!DOCTYPE html>

<html>

<head>

<title>External CSS Example</title>

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

</head>

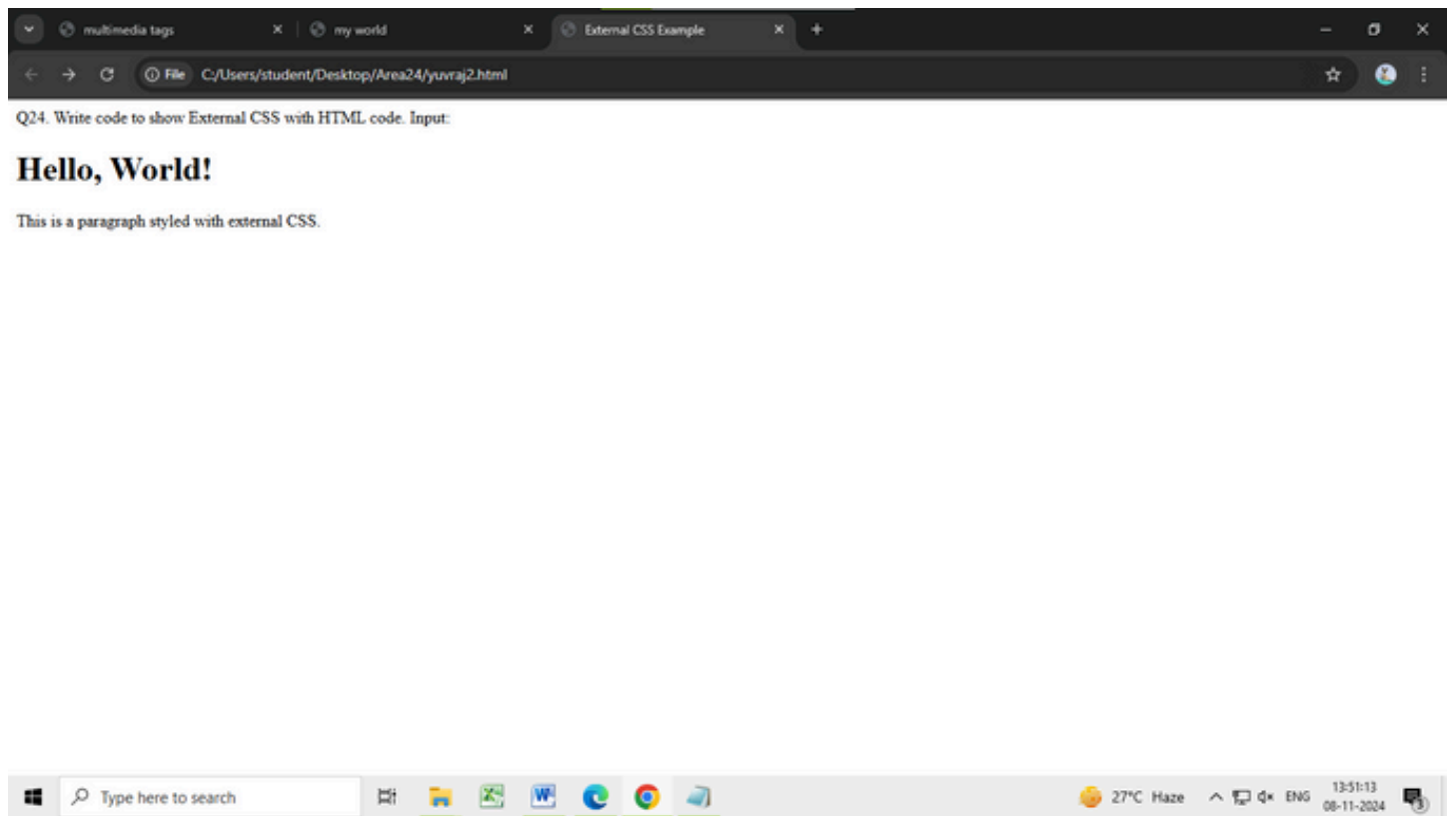
<body>

<h1>Hello, World!</h1>

<p>This is a paragraph styled with external CSS.</p>

</body>

</html>
```



Bottom of Form