WEB

TECHNOLOGIES

FILE

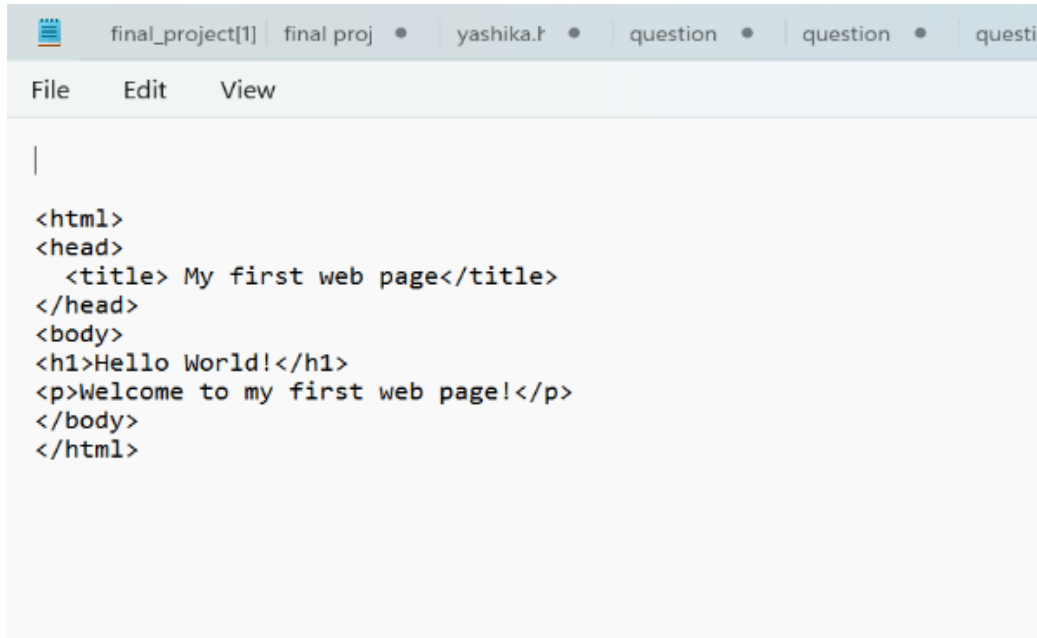**NAME: YASHIKA SAINI**

CLASS: BCA 1A

ROLL NO: 24/SCA/BCA/055
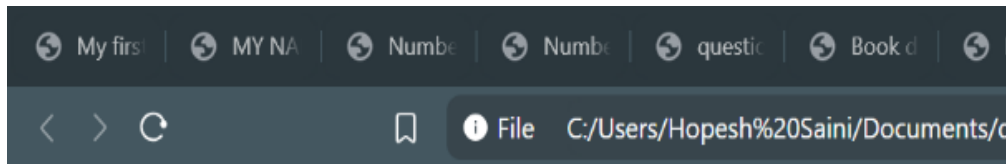
Exercise 1

Create a simple HTML page using basic tags

```
final_project[1]   final proj  •   yashika.h  •   question  •   question  •   questic

File    Edit    View


<html>
<head>
  <title> My first web page</title>
</head>
<body>
<h1>Hello World!</h1>
<p>Welcome to my first web page!</p>
</body>
</html>
```

Output:

```
My firs    MY NA    Numbe    Numbe    questic    Book d

<  >  C             File   C:/Users/Hopesh%20Saini/Documents/q
```
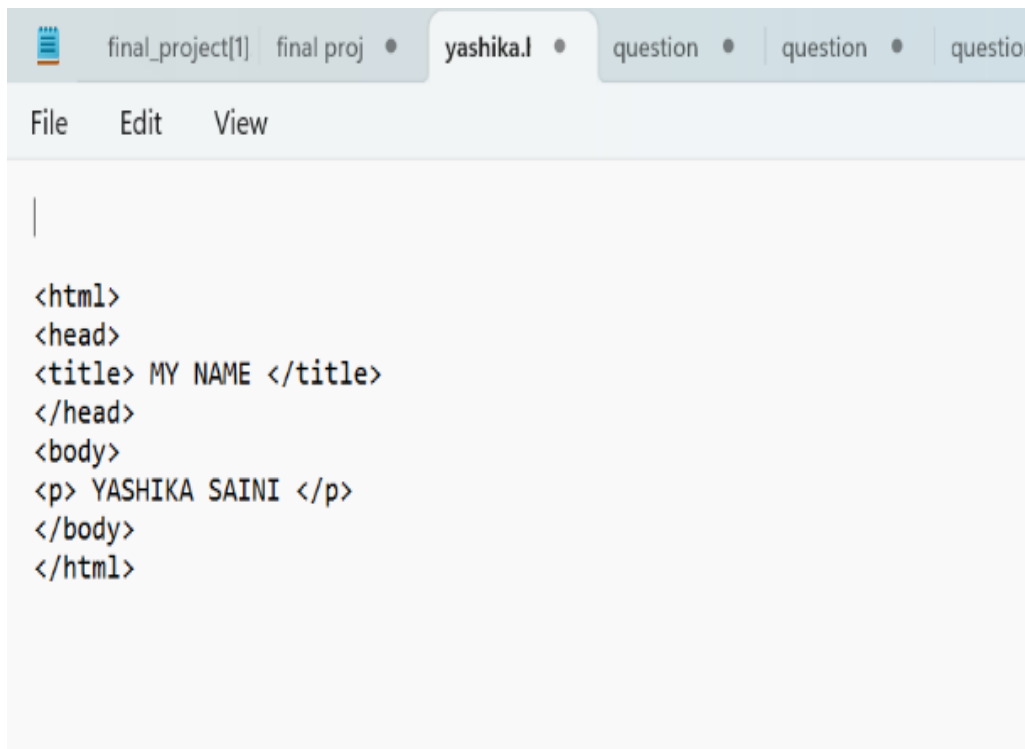
Hello World!

Welcome to my first web page!

Exercise 2

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

final_project[1] final proj ●   **yashika.l** ●   question ●   question ●   question

File   Edit   View

```
<html>
<head>
<title> MY NAME </title>
</head>
<body>
<p> YASHIKA SAINI </p>
</body>
</html>
```

Output:

My first web page   MY NAME   X

‹ › C   File   C:/Users/Hopesh%20Saini/

YASHIKA SAINI
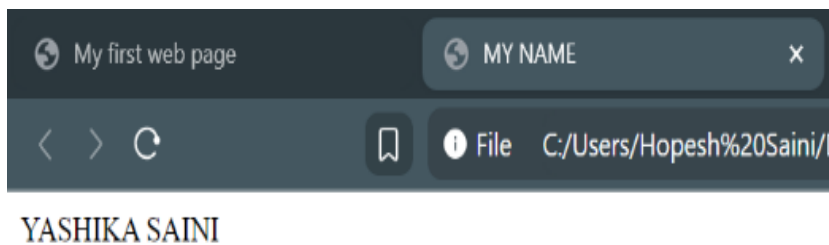
Exercise 3

Create a web page and show the output from 1 to 10 in separate line.
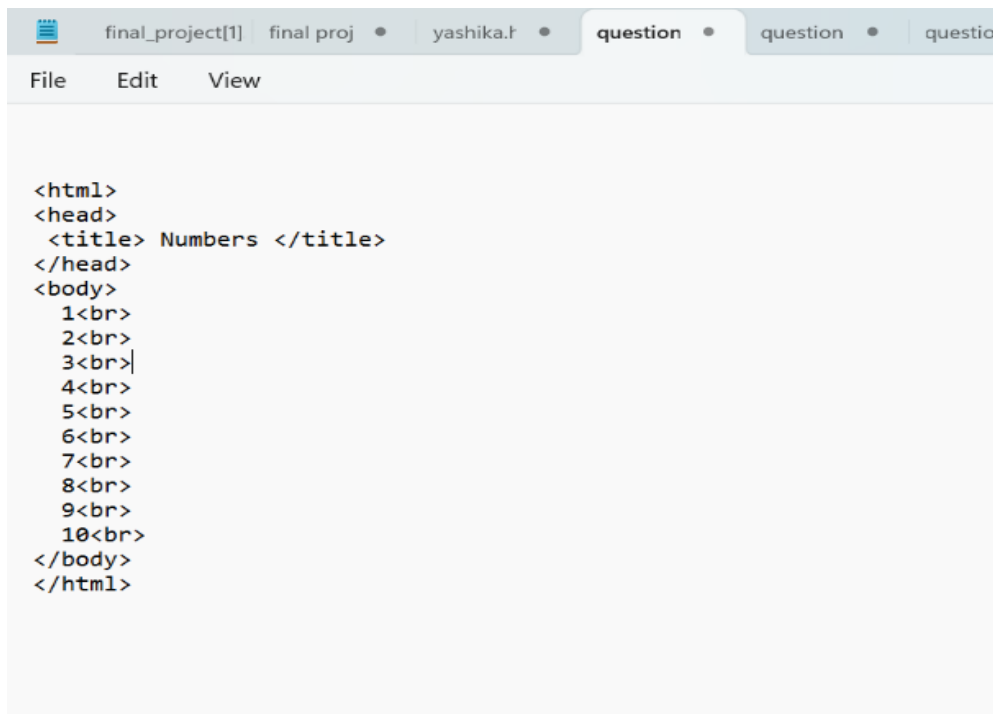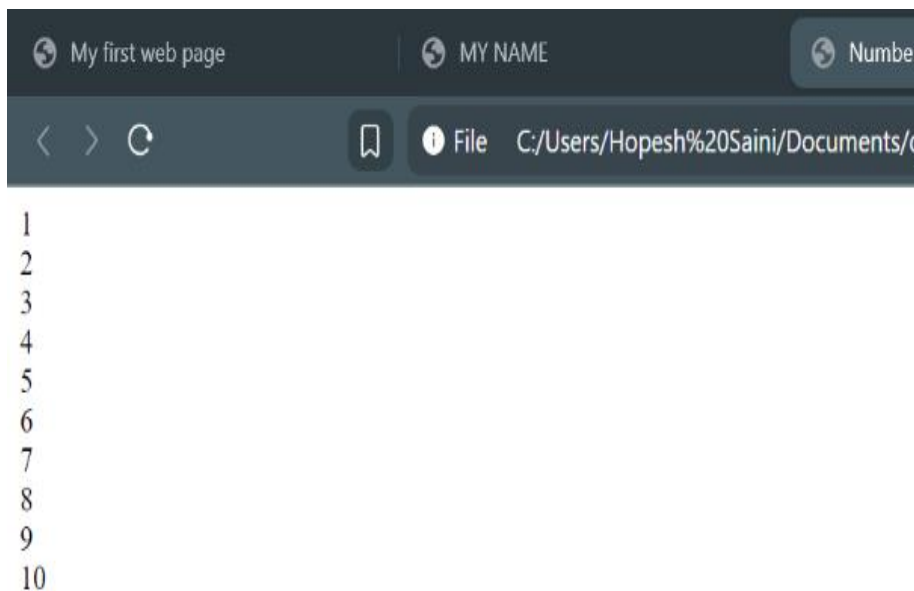
File   Edit   View

```
<html>
<head>
 <title> Numbers </title>
</head>
<body>
  1<br>
  2<br>
  3<br>
  4<br>
  5<br>
  6<br>
  7<br>
  8<br>
  9<br>
  10<br>
</body>
</html>
```

Output:

My first web page   MY NAME   Number

File   C:/Users/Hopesh%20Saini/Documents/q

```
1
2
3
4
5
6
7
8
9
10
```

Exercise 4

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

```html
<html>
<head>
 <title>Numbers</title>
</head>
<body>
<h1><p align="center">1<br></font>
   <font color="#20fc03">2<br></font>
   <font color="#03fce3">3<br></font>
   <font color="#0377fc">4<br></font>
   <font color="#d9401a">5<br></font>
   <font color="#453a3a">6<br></font>
   <font color="#b89bc4">7<br></font>
   <font color="#633d46">8<br></font>
   <font color="#f70000">9<br></font>
   <font color="#000099">10<br></font>
</p></h1>
</body>
```
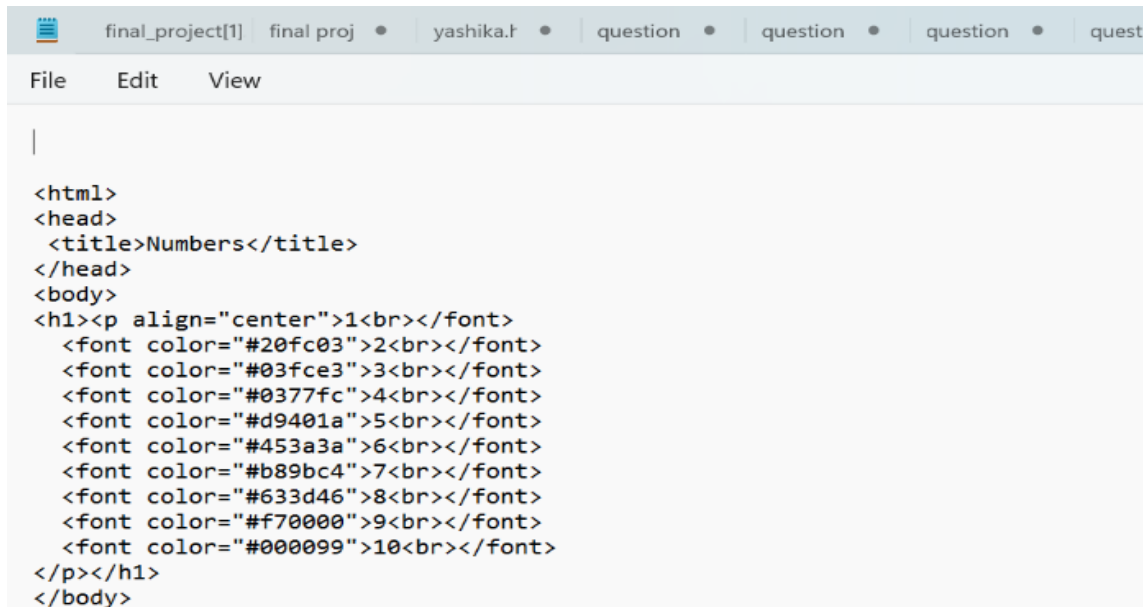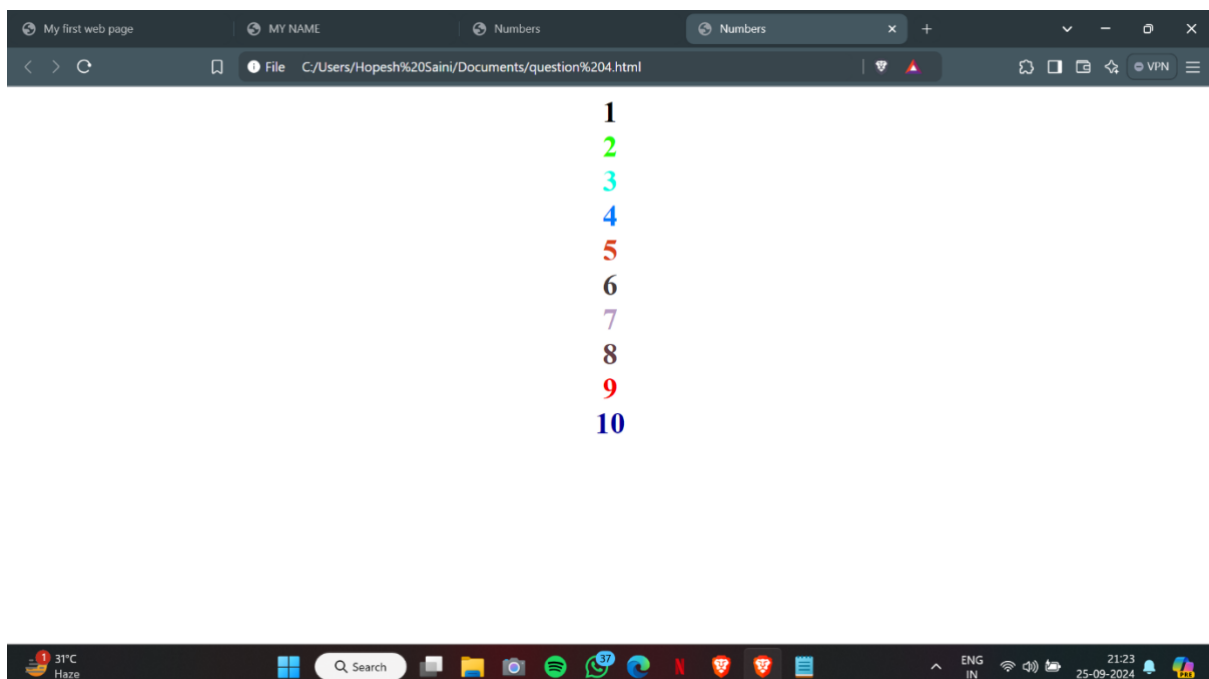
Output:

Exercise 5

How do I make a picture as a background on my web page?
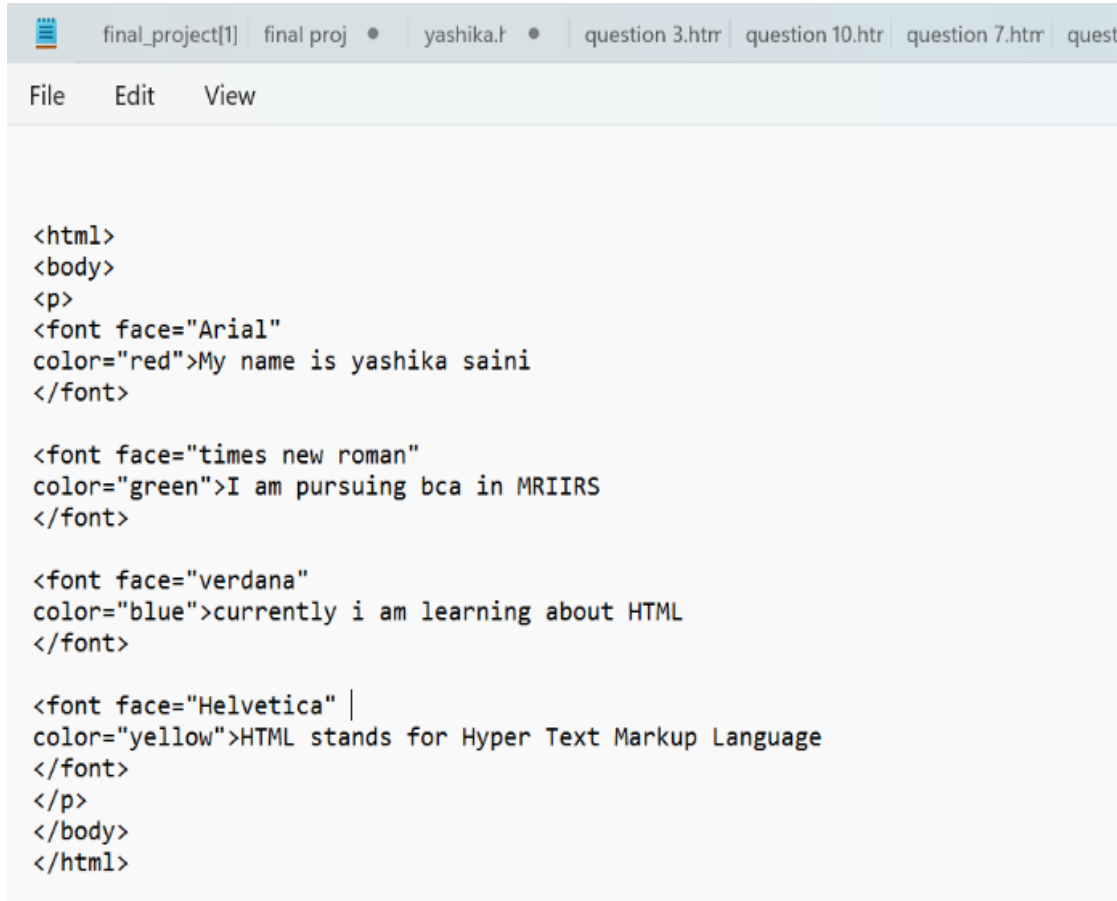

```html
<html>
<head>
<title>picture as a background</title>
</head>
<body>
<body background="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQGiwKVfPbcUNsB2hOPYiGUxHxtW-6BCjcsiolUo1ZZnzOOtrK6XG9eGWudnJ89L9bBJbE&usqp=CAU">
</body>
</html>
```

Output:
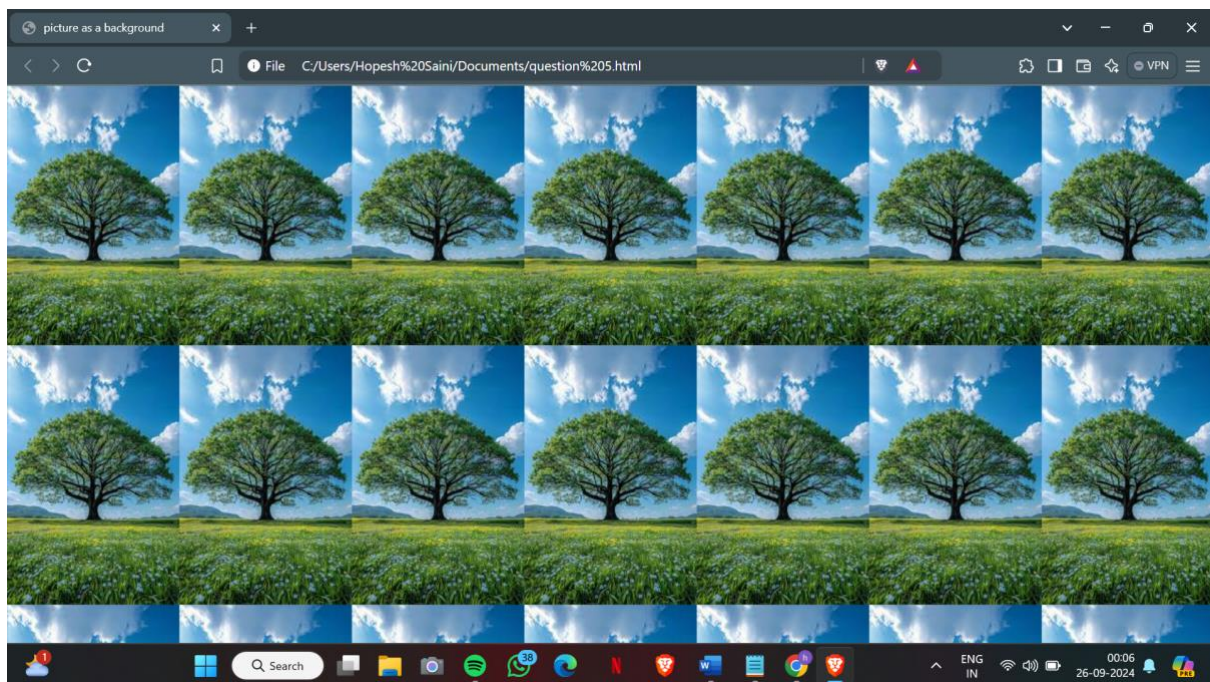
Exercise 6

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

```
<html>
<body>
<p>
<font face="Arial"
color="red">My name is yashika saini
</font>

<font face="times new roman"
color="green">I am pursuing bca in MRIIRS
</font>

<font face="verdana"
color="blue">currently i am learning about HTML
</font>

<font face="Helvetica"
color="yellow">HTML stands for Hyper Text Markup Language
</font>
</p>
</body>
</html>
```

Output:
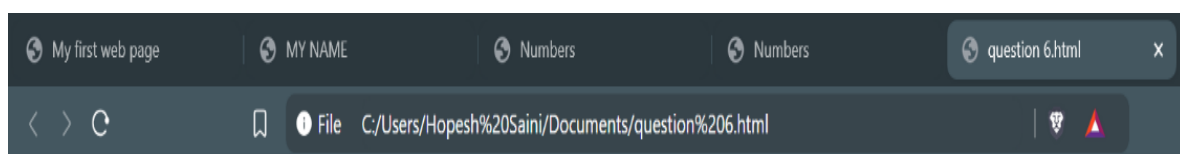
My name is yashika saini. I am pursuing bca in MRIIRS. Currently i am learning about HTML. HTML stands for Hyper Text Markup Language.

Exercise 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 underline and all adjectives shall be bold and italics.

File   Edit   View   ⚙

```
<html>
<head>
 <title>Book description</title>
</head>
<body>
  <p>
   The book <u>A Boy's Will</u> by <u>Robert Frost</u> is a <b><i>remarkable</i></b> work of literature. It is known for its <b><i>intricate</i></b> structure
   and its <b><i>deep</i></b> exploration of memory. Robert frost's writing style is <b><i>delicate</i></b> and <b><i>rich<i></b> with detail, making this a
   <b><i>profound</i></b> and <b><i>thought-provoking</i></b> novel. The reader is immersed in a <b><i>captivating</i></b> journey through time and memory,
   with each chapter offering a <b><i>vivid</i></b> glimpse into the characters' lives.
  </p>
</body>
</html>
```

Output:

⟨ ⟩ C   🔖   ℹ File   C:/Users/Hopesh%20Saini/Documents/question%207.html   🔵 🔺   🗘 ▯ 🗗 ☆ ⊕ VPN ≡

The book <u>A Boy's Will</u> by <u>Robert Frost</u> is a ***remarkable*** work of literature. It is known for its ***intricate*** structure and its ***deep*** exploration of memory. Robert frost's writing style is ***delicate*** and ***rich*** with detail, making this a ***profound*** and ***thought-provoking*** novel. The reader is immersed in a ***captivating*** journey through time and memory, with each chapter offering a ***vivid*** glimpse into the characters' lives.

Exercise 8

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

File   Edit   View

```
<html>
<head>
  <title> Name with different heading size </title>
</head>
<body>
  <h1>Y</h1>
  <h2>A</h2>
  <h3>S</h3>
  <h4>H</h4>
  <h5>I</h5>
  <h6>K</h6>
  <h1>A</h1>
</body>
</html>
```

Output:

My first web page | MY NAME | Numbers | Numbers | qu

< > C   🔖   ⓘ File   C:/Users/Hopesh%20Saini/Documents/question%208
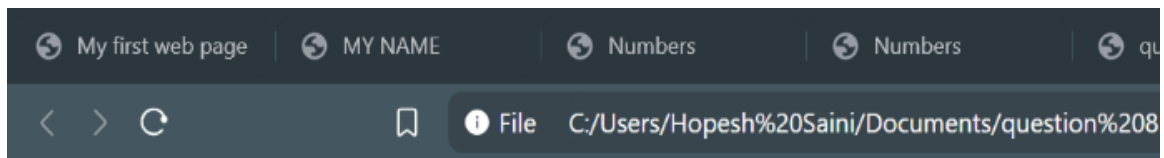
Y

A

S

H
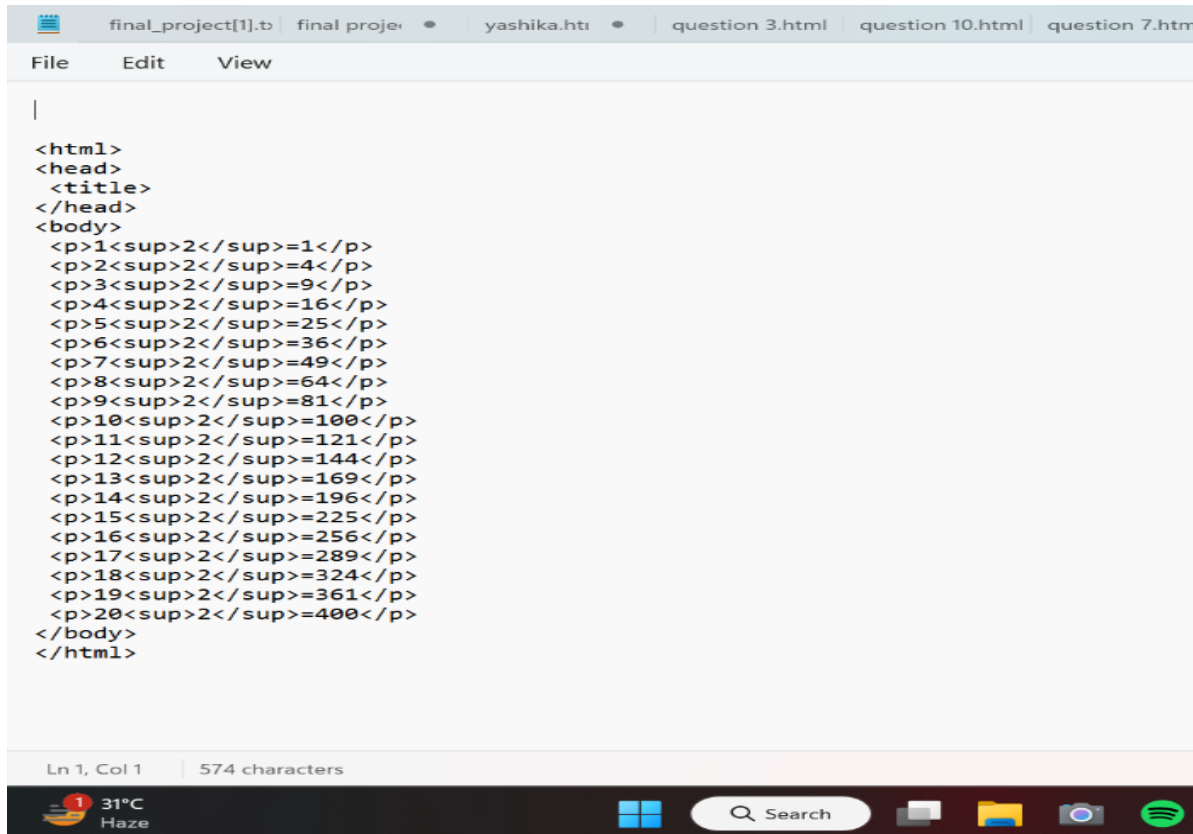
I

K

A

Exercise 9

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


```
<html>
<head>
 <title>
</head>
<body>
 <p>1<sup>2</sup>=1</p>
 <p>2<sup>2</sup>=4</p>
 <p>3<sup>2</sup>=9</p>
 <p>4<sup>2</sup>=16</p>
 <p>5<sup>2</sup>=25</p>
 <p>6<sup>2</sup>=36</p>
 <p>7<sup>2</sup>=49</p>
 <p>8<sup>2</sup>=64</p>
 <p>9<sup>2</sup>=81</p>
 <p>10<sup>2</sup>=100</p>
 <p>11<sup>2</sup>=121</p>
 <p>12<sup>2</sup>=144</p>
 <p>13<sup>2</sup>=169</p>
 <p>14<sup>2</sup>=196</p>
 <p>15<sup>2</sup>=225</p>
 <p>16<sup>2</sup>=256</p>
 <p>17<sup>2</sup>=289</p>
 <p>18<sup>2</sup>=324</p>
 <p>19<sup>2</sup>=361</p>
 <p>20<sup>2</sup>=400</p>
</body>
</html>
```

Output:

$1^2=1$

$2^2=4$

$3^2=9$

$4^2=16$

$5^2=25$

$6^2=36$

$7^2=49$

$8^2=64$

$9^2=81$

$10^2=100$

$11^2=121$

$12^2=144$

$13^2=169$

$14^2=196$

$15^2=225$

$16^2=256$

$17^2=289$

$18^2=324$

$19^2=361$

$20^2=400$

Exercise 10

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 on right of the screen.

final_project[1].t   final proje ●   yashika.ht ●   question 3.html   **question** X   question 7.html   question 9.html   question 6.html   question 4.html

File   Edit   View

```html
<html>
<head>
 <title> Image of a tree </title>
<style>
  img{
       width: 200px;
       height: 200px;
       border: 5px solid black
       margin-right: 20px;
       margin-top: 20px;
       float: right;
      }
</style>
</head>
<body>
   <img src="https://stock.adobe.com/search?k=tree+with+roots" alt="Image of a tree">
   <p>This is a image of a tree</p>
</body>
</html>
```

Output:

My first   MY NAN   Number   Number   question   Book de   Name w   Squares   Squares   Squares   Ima X   +   v   —   ☐   X

‹ › C   ☐ ⓘ File   C:/Users/Hopesh%20Saini/Documents/question%2010.html   🏆 🔺   🏠 ☐ ⬚ ✦ ⊕ VPN ≡

This is a image of a tree

Image of a tree
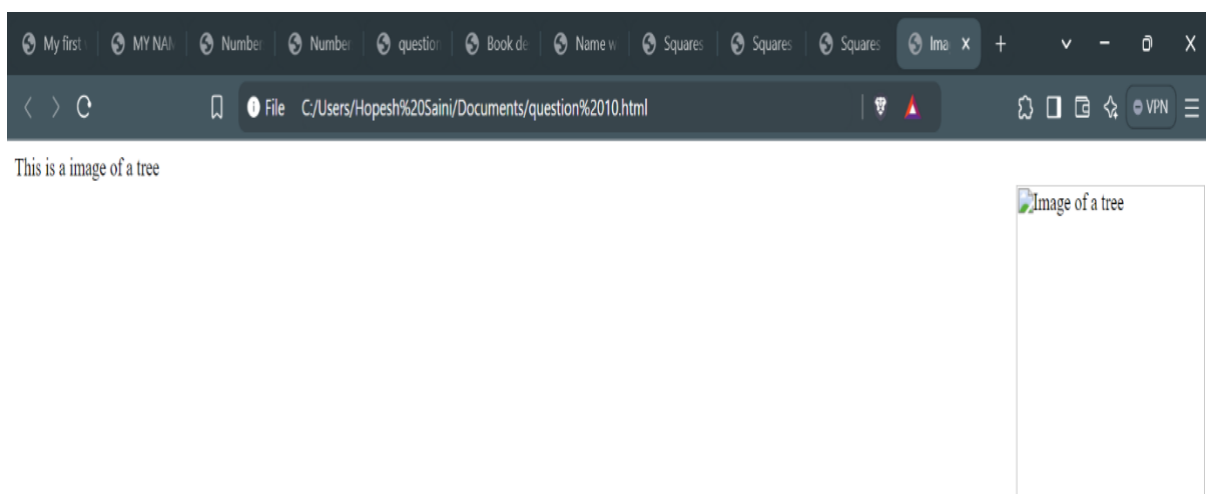
EXERCISE 11

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 centre, just below the haeding.
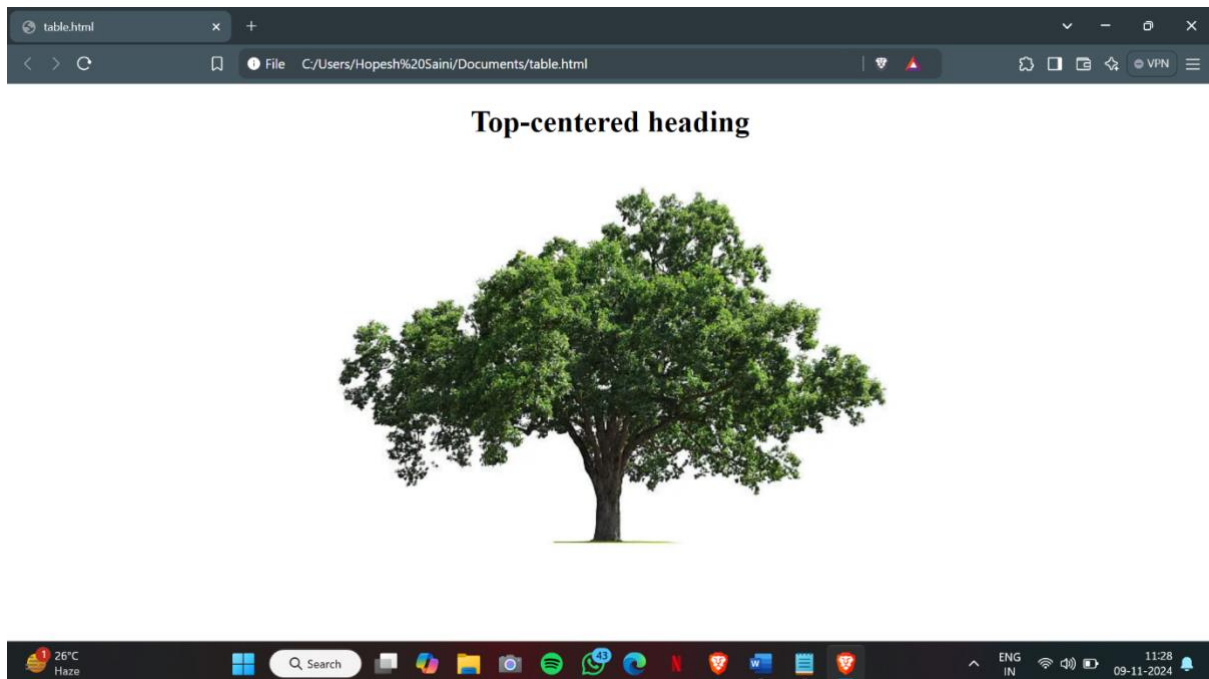
OUTPUT:

EXERCISE 12

Write a HTML code using multimedia tags.

```html
<!DOCTYPE html>
<html lang="en">
<body>
    <h2>Welcome to the Multimedia Page</h2>
    <h2>Audio Example</h2>
    <p>Listen to this cool audio track:</p>
    <audio controls>
        <source src="audio/music.mp3" type="audio/mp3">
    </audio>
    <h2>Video Example</h2>
    <p>Watch this interesting video:</p>
    <video width="200" height="100" controls>
        <source src="video/sample.mp4" type="video/mp4">
    </video>
    <h2>Image Example</h2>
    <p>Here is an image for you to view:</p>
    <img src="images/photo.jpg" alt="A beautiful scenery" width="600">

</body>
</html>
```

OUTPUT:
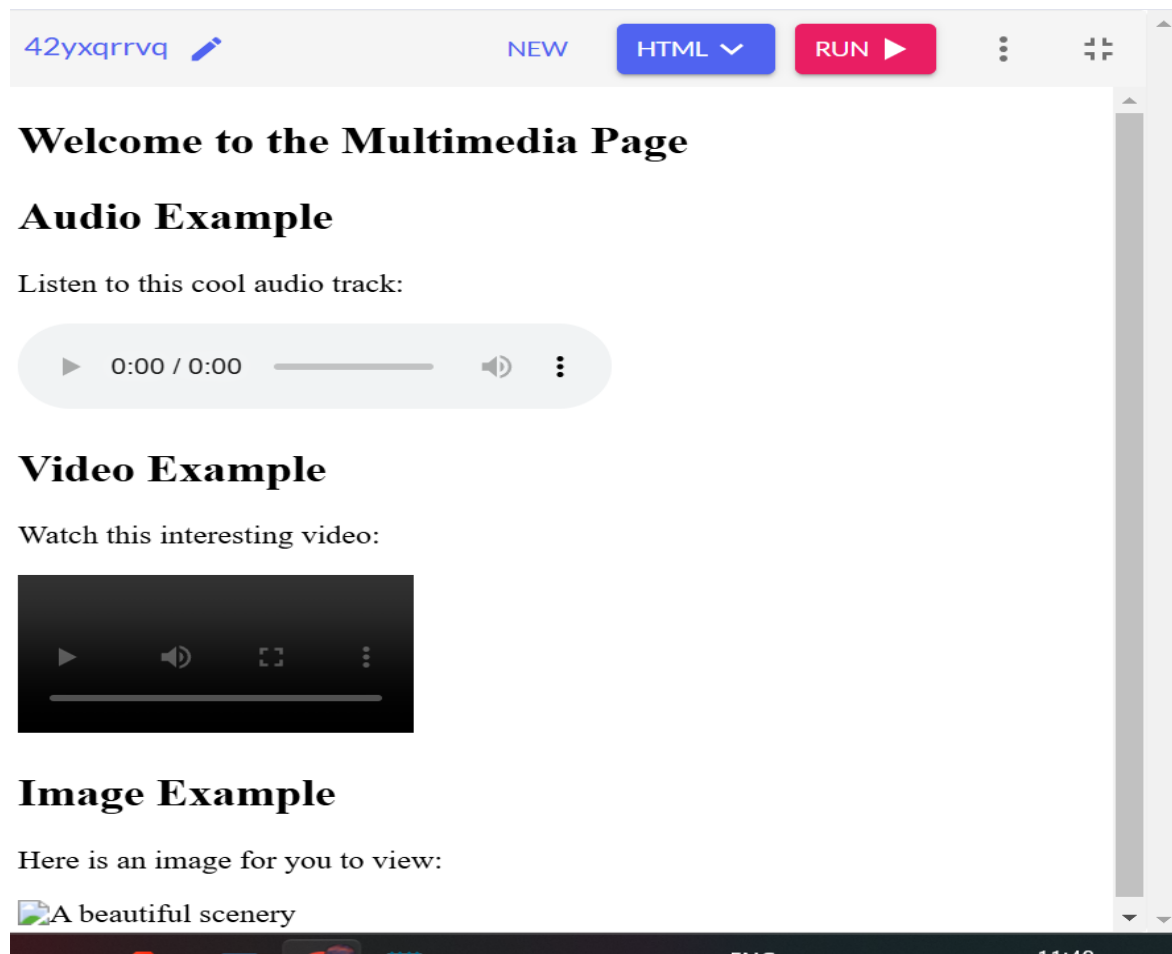
EXERCISE 13

Create a table using rowspan and colspan taking example of student record.

```html
<!DOCTYPE html>
<html>
<head>
    <style>
    table{border-collapse: collapse;}
    th, td {border: 1px solid black;
            padding: 8px;
            text-align: center;}
        th {background-color: #f2f2f2;}
    </style>
</head>
<body>
  <h1>Student Record</h1>
<table>
        <thead>
            <tr>
                <th rowspan="2">Student ID</th>
                <th rowspan="2">Name</th>
                <th colspan="2">Marks</th>
            </tr>
            <tr>
                <th>Maths</th>
                <th>English</th>
            </tr>
        </thead>
            <tr>
                <td>101</td>
                <td>Yashika</td>
                <td>90</td>
                <td>85</td>
            </tr>
            <tr>
                <td>102</td>
                <td>Kanika</td>
                <td>78</td>
                <td>80</td>
            </tr>
    </table>

</body>
</html>
```

OUTPUT:

Student Record

Student ID	Name	Marks	
		Maths	English
101	Yashika	90	85
102	Kanika	78	80

EXERCISE 14

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

```html
<!DOCTYPE html>
<html lang="en">
<body>

    <h1>Student Record</h1>

    <table cellpadding="10" cellspacing="5" border="2">
        <thead>
            <tr>
                <th>Student ID</th>
                <th>Name</th>
                <th>Marks</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>101</td>
                <td>John Doe</td>
                <td>90</td>
            </tr>
            <tr>
                <td>102</td>
                <td>Jane Smith</td>
                <td>85</td>
            </tr>
        </tbody>
    </table>

</body>
</html>
```

OUTPUT:

Student Record

Student ID	Name	Marks
101	John Doe	90
102	Jane Smith	85

EXERCISE 15

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

```html
<!DOCTYPE html>
<html>
<body>

    <h1>Subjects in MCA Program</h1>

    <h2>1. Unordered List (Subjects in 1st Semester)</h2>
    <ul>
        <li>Computer Organization</li>
        <li>Programming in Java</li>
        <li>English Communication Skills</li>
        <li>Data Structures</li>
    </ul>

    <h2>2. Ordered List (Subjects in 2nd Semester)</h2>
    <ol>
        <li>Discrete Mathematics</li>
        <li>Data Communication</li>
        <li>Operating Systems</li>
        <li>Software Engineering</li>
    </ol>

    <h2>3. Definition List (Subjects in 3rd Semester)</h2>
    <dl>
        <dt>Computer Networks</dt>
        <dd>Study of communication protocols, network architectures,
        and security.</dd>

        <dt>Java Programming</dt>
        <dd>Learn Object-Oriented Programming using Java.</dd>

        <dt>Design and Analysis of Algorithms</dt>
        <dd>Understand the concepts of algorithm design and
        their efficiency.</dd>

        <dt>Web Technologies</dt>
        <dd>Study HTML, CSS, JavaScript, and server-side scripting
        languages.</dd>

        <dt>Project Management</dt>
        <dd>Learn the principles of managing IT projects and
        teams effectively.</dd>
    </dl>

</body>
</html>
```

Subjects in MCA Program

1. Unordered List (Subjects in 1st Semester)

- Mathematics I
- Computer Organization
- Programming in C
- English Communication Skills
- Database Management Systems

2. Ordered List (Subjects in 2nd Semester)

1. Mathematics II
2. Discrete Mathematics
3. Data Structures
4. Operating Systems
5. Software Engineering

3. Definition List (Subjects in 3rd Semester)

Computer Networks
   Study of communication protocols, network architectures, and security.

Java Programming
   Learn Object-Oriented Programming using Java.
Design and Analysis of Algorithms
   Understand the concepts of algorithm design and their efficiency.
Web Technologies
   Study HTML, CSS, JavaScript, and server-side scripting languages.
Project Management
   Learn the principles of managing IT projects and teams effectively.

EXERCISE 16

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

```
<!DOCTYPE html>
<html>

<body></body>
    <h1>Example Using 'frameset' and ,'frame'</h1>

    <frameset cols="50%, 50%" border="2">

        <iframe src="https://www.wikipedia.org"name="frame1" scrolling="yes" >
        </iframe>

    </frameset>

</body>
</html>
```

OUTPUT:

Example Using 'frameset' and ,'frame'

EXERCISE 17

Write HTML code to design a form in html using controls and buttons such as Textbox, Text Area, password, submit button, browse button, drop down menu

```html
<!DOCTYPE html>
<html>
<body>
    <h1>Registration Form</h1>
    <form action="/submit_form" method="post" enctype="multipart/form-data">
        <label for="name">Full Name:</label>
        <input type="text" id="name" name="name" required><br><br>

        <label for="address">Address:</label><br>
        <textarea id="address" name="address" rows="4" cols="50"required></text

        <label for="password">Password:</label>
        <input type="password" id="password" name="password"required><br><br>

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

        <label for="file">Upload Profile Picture:</label>
        <input type="file" id="file" name="file" accept="image/*"><br><br>

        <label for="country">Country:</label>
        <select id="country" name="country">
            <option value="india">India</option>
            <option value="usa">USA</option>
            <option value="uk">UK</option>
            <option value="canada">Canada</option>
        </select><br><br>
    </form>
</body>
</html>
```

OUTPUT:

Registration Form

Full Name: [   ]

Address:

[   ]

Password: [   ]

[Submit]

Upload Profile Picture: [Choose File] No file chosen

Country: [India ▾]

EXERCISE 18

Write HTML code to design a Registration form in html.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <style>
        body {font-family: Arial, sans-serif;
            background-color: #f4f4f9;}

        h1 {text-align: center;
            color: #333;}

        label {font-weight: bold;
            margin-top: 10px;}

        input[type="text"], input[type="email"], input[type="password"],
        input[type="tel"], textarea, select {
          margin: 5px 0 15px 0;
          border: 1px solid black;}

        button { background-color: green;
                color: white;
                padding: 12px 20px;
                font-size: 16px;}
    </style>
</head>
<body>

        <h1>Registration Form</h1>
        <form action="/submit_registration" method="POST">

            <label for="fullname">Full Name:</label>
            <input type="text" id="fullname" name="fullname"required><br>

            <label for="email">Email Address:</label>
            <input type="email" id="email" name="email"required><br>

            <label for="phone">Phone Number:</label>
            <input type="tel" id="phone" name="phone"required><br>

            <label for="password">Password:</label>
            <input type="password" id="password" name="password" required><br>

            <label for="confirm_password">Confirm Password:</label>
            <input type="password" id="_password" name="confirm_password"required

            <label for="address">Address:</label>
            <textarea id="address" name="address" rows="4" required></textarea><b

            <label>Gender:</label>
            <div class="gender-group">
                <label for="male">Male</label>
                <input type="radio" id="male" name="gender" value="male">
                <label for="female">Female</label>
                <input type="radio" id="female" name="gender" value="female">
                <label for="other">Other</label>
                <input type="radio" id="other" name="gender" value="other">
            </div><br>

            <label for="country">Country:</label>
            <select id="country" name="country" required>
```

```
                <option value="india">India</option>
                <option value="usa">USA</option>
                <option value="uk">UK</option>
                <option value="canada">Canada</option>
                <option value="australia">Australia</option>
            </select><br>

            <button type="submit">Register</button>
        </form>
    </body>
</html>
```

OUTPUT:

Registration Form

Full Name:

Email Address:

Phone Number:

Password:

Confirm Password:

Address:
Gender:
Male ○ **Female** ○ **Other** ○

Country: India

Register

EXERCISE 19

Write HTML code to design a student admission form in HTML

```html
<!DOCTYPE html>
<html lang="en">
<head></head>
    <style>
        body {font-family: Arial, sans-serif;
            background-color: #f4f4f9; }

        h2 { text-align: center;
            color: #333;}

        input[type="text"],input[type="number"],input[type="email"],
        input[type="tel"],select
         {padding: 8px;
         margin: 10px 0;
         border: 1px solid #ccc;}

        input[type="submit"] {background-color: #4CAF50;
                            color: white;}
    </style>
</head>
<body>
    <h2>Student Admission Form</h2>
    <form action="/submit_form" method="post">

        <label for="fullName">Full Name:</label>
        <input type="text" id="fullName" name="fullName" required><br>

        <label for="age">Age:</label>
        <input type="number" id="age" name="age" required><br>


        <label for="gender">Gender:</label>
        <select id="gender" name="gender" required>
            <option value="male">Male</option>
            <option value="female">Female</option>
            <option value="other">Other</option>
        </select><br>

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

        <label for="phone">Phone Number:</label>
        <input type="tel" id="phone" name="phone" required><br>

        <label for="course">Select Course:</label>
        <select id="course" name="course" required>
            <option value="computer-science">Computer Science</option>
            <option value="mechanical-engineering">Mechanical Engineering</option>
            <option value="civil-engineering">Civil Engineering</option>
            <option value="business-administration">Business Administration</option>
            <option value="medicine">Medicine</option>
        </select><br>

        <input type="submit" value="Submit">
    </form>
</body>
</html>
```

OUTOUT:

Student Admission Form

Full Name: [   ]

Age: [   ]

Gender: [Male   ˅]

Email: [   ]

Phone Number: [   ]

Select Course: [Computer Science   ˅]

[Submit]

EXERCISE 20

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

```html
<!DOCTYPE html>
<html>
<head>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
      <h1 class="logo">W3schools</h1>
        <ul>
          <li><a href="#home">Home</a></li>
          <li><a href="#features">Features</a></li>
          <li><a href="#about">About</a></li>
          <li><a href="#contact">Contact</a></li>
        </ul>

  <section id="home" class="home"></section>
      <h2>Welcome to W3schools</h2>
      <p>Learn to Code ,With the world's largest web developer site.</p>
      <a href="#features" class="btn">Explore Features</a>

  <section id="features" class="features">
      <h2>Features</h2>
      <h3>Intelligent Conversations</h3>
      <p>Engage in meaningful and insightful discussions with AI.</p>
      <h3>Creative Solutions</h3>
      <p>Get help with writing, designing, coding, and more.</p>
      <h3>24/7 Availability</h3>
      <p>Access assistance anytime, anywhere.</p>
  </section>

  <section id="about" class="about">
      <h2>About W3schools</h2>
      <p>The largest web developer site on the internet.3 billion pages
      displayed each year.70 million visitors each month.</P>

  <p>&copy; 2024 W3schools. All rights reserved.</p>
      <a href="#">Twitter</a>
      <a href="#">LinkedIn</a>
      <a href="#">GitHub</a>
</body>
</html>
```

CSS:

```css
body {
  font-family: var(--font-family);
  color: var(--font-color);
  line-height: 1.6;
}
.home {
  background: var(--secondary-color);
  padding: 2rem 0;
  text-align: center;
}


.features {
  background: #fff;
  padding: 2rem 0;
  text-align: center;
}

.features .feature-list {
  display: flex;
  justify-content: space-around;
  gap: 2rem;
}

.feature {
  max-width: 300px;
}

.about {
  background: var(--secondary-color);
  padding: 2rem 0;
  text-align: center;
}
```

OUTPUT;

W3schools

- Home
- Features
- About
- Contact

Welcome to W3schools

Learn to Code ,With the world's largest web developer site.

Explore Features

Features

Intelligent Conversations

Engage in meaningful and insightful discussions with AI.

Creative Solutions

Get help with writing, designing, coding, and more.

24/7 Availability

Access assistance anytime, anywhere.

About W3schools

The largest web developer site on the internet.3 billion pages displayed each year.70 million visitors each month.

[Twitter](#) [LinkedIn](#) [GitHub](#)

EXERCISE 21

Write HTML code for including local hyperlinking in a web page

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <style>
        body {font-family: Arial, sans-serif;}
        section { margin: 50px 0; }
    </style>
</head>
<body>
        <h1>Local Hyperlinking Example</h1>
            <a href="#section1">Go to Section 1</a>
            <a href="#section2">Go to Section 2</a>
            <a href="#section3">Go to Section 3</a>

        <section id="section1">
            <h2>Section 1</h2>
            <p>This is the content of Section 1. Click the links above to
            navigate between sections.</p>
            <a href="#top">Back to Top</a>
        </section>

        <section id="section2">
            <h2>Section 2</h2>
            <p>This is the content of Section 2. Local hyperlinks allow
            seamless navigation within a page.</p>
            <a href="#top">Back to Top</a>
        </section>

        <section id="section3">
            <h2>Section 3</h2>

            <p>This is the content of Section 3. Try using the navigation
            links to explore the sections.</p>
            <a href="#top">Back to Top</a>
        </section>

        <a id="top"></a>
        <p>&copy; 2024 Local Hyperlinking Example</p>
</body>
</html>
```

OUTPUT:

Local Hyperlinking Example

Go to Section 1 Go to Section 2 Go to Section 3

Section 1

This is the content of Section 1. Click the links above to navigate between sections.

Back to Top

Section 2

This is the content of Section 2. Local hyperlinks allow seamless navigation within a page.

Back to Top

Section 3

This is the content of Section 3. Try using the navigation links to explore the sections.

Back to Top

EXERCISE 22

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

```html
<!DOCTYPE html>
<html>
<head>
    <style>
        body {font-family: Arial, sans-serif;
            margin: 20px;}
        a {color: blue;
            margin: 10px 0;
            display: block;}
    </style>
</head>
<body>
        <h1>External Hyperlinking Example</h1>

        <p>Below are examples of external hyperlinks that take you to
        different websites:</p>

        <!-- External Links -->
        <a href="https://www.google.com" target="_blank">Visit Google</a>
        <a href="https://www.wikipedia.org" target="_blank">Visit Wikipedia</a>
        <a href="https://www.youtube.com" target="_blank">Visit YouTube</a>
        <a href="https://www.github.com" target="_blank">Visit GitHub</a>
</body>
</html>
```

OUTPUT:

External Hyperlinking Example

Below are examples of external hyperlinks that take you to different websites:

Visit Google

Visit Wikipedia

Visit YouTube

Visit GitHub

EXERCISE 23

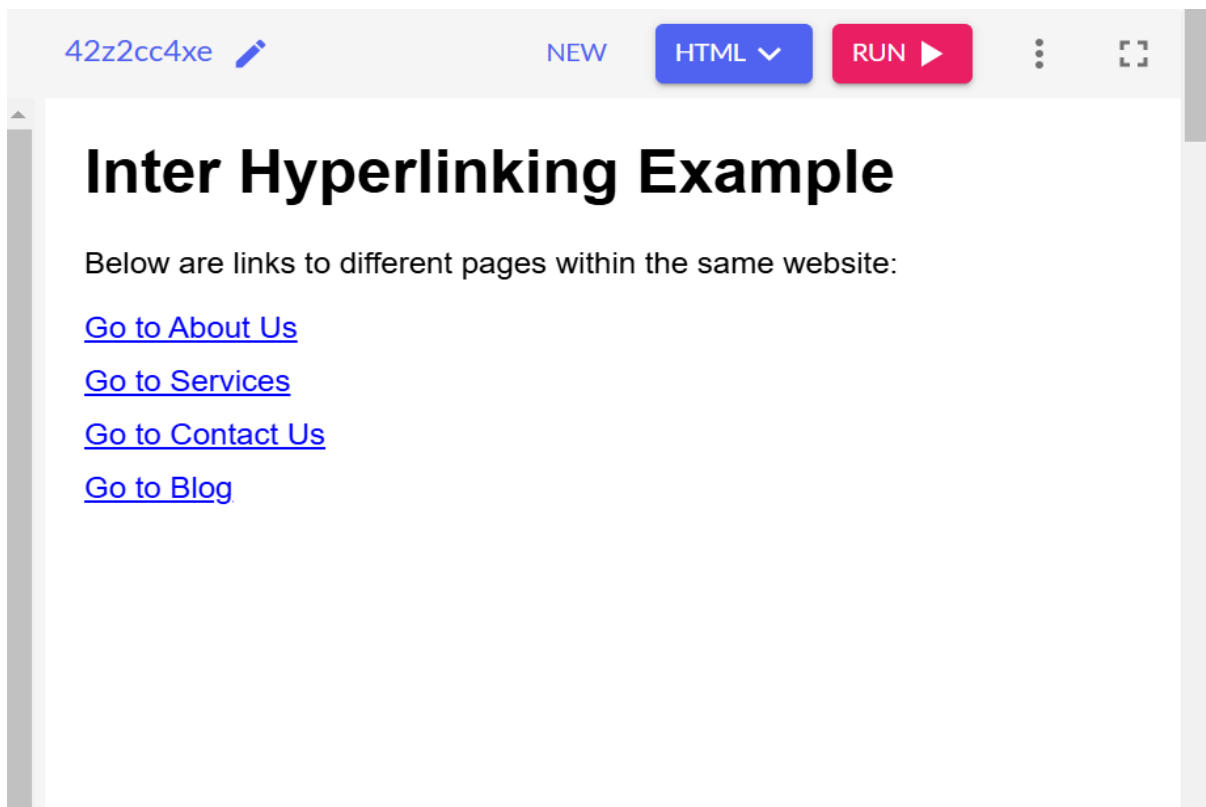## Write HTML code for including inter hyperlinking in a web page.

```html
<!DOCTYPE html>
<html>
<head>
    <style>
        body {font-family: Arial, sans-serif;
            margin: 20px;}
        a {color: blue;
            margin: 10px 0;
            display: block;}
    </style>
</head>
<body>
        <h1>Inter Hyperlinking Example</h1>
        <p>Below are links to different pages within the same website:</p>

        <a href="about.html">Go to About Us</a>
        <a href="services.html">Go to Services</a>
        <a href="contact.html">Go to Contact Us</a>
        <a href="blog/index.html">Go to Blog</a>

</body>
</html>
```

OUTPUT:

EXERCISE 24

Write code to show external css with html code.

index.html	styles.css	script.js	+	[image]

```html
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <link rel="stylesheet" href="styles.css">
5   </head>
6   <body>
7           <h1>Welcome to External CSS Example</h1>
8           <p>This is an example of using an external CSS
9           file to style an HTML page.</p>
10          <button>Click Me</button>
11
12  </body>
13  </html>
14
```

CSS:

```css
body {
    font-family: Arial, sans-serif;
    margin: 20px;
    background-color: #f0f8ff;
    color: #333;
}

h1 {
    color: #00509e;
}

p {
    font-size: 18px;
    line-height: 1.6;
}

button {
    background-color: #007bff;
    color: white;
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}

button:hover {
    background-color: #0056b3;
}
```
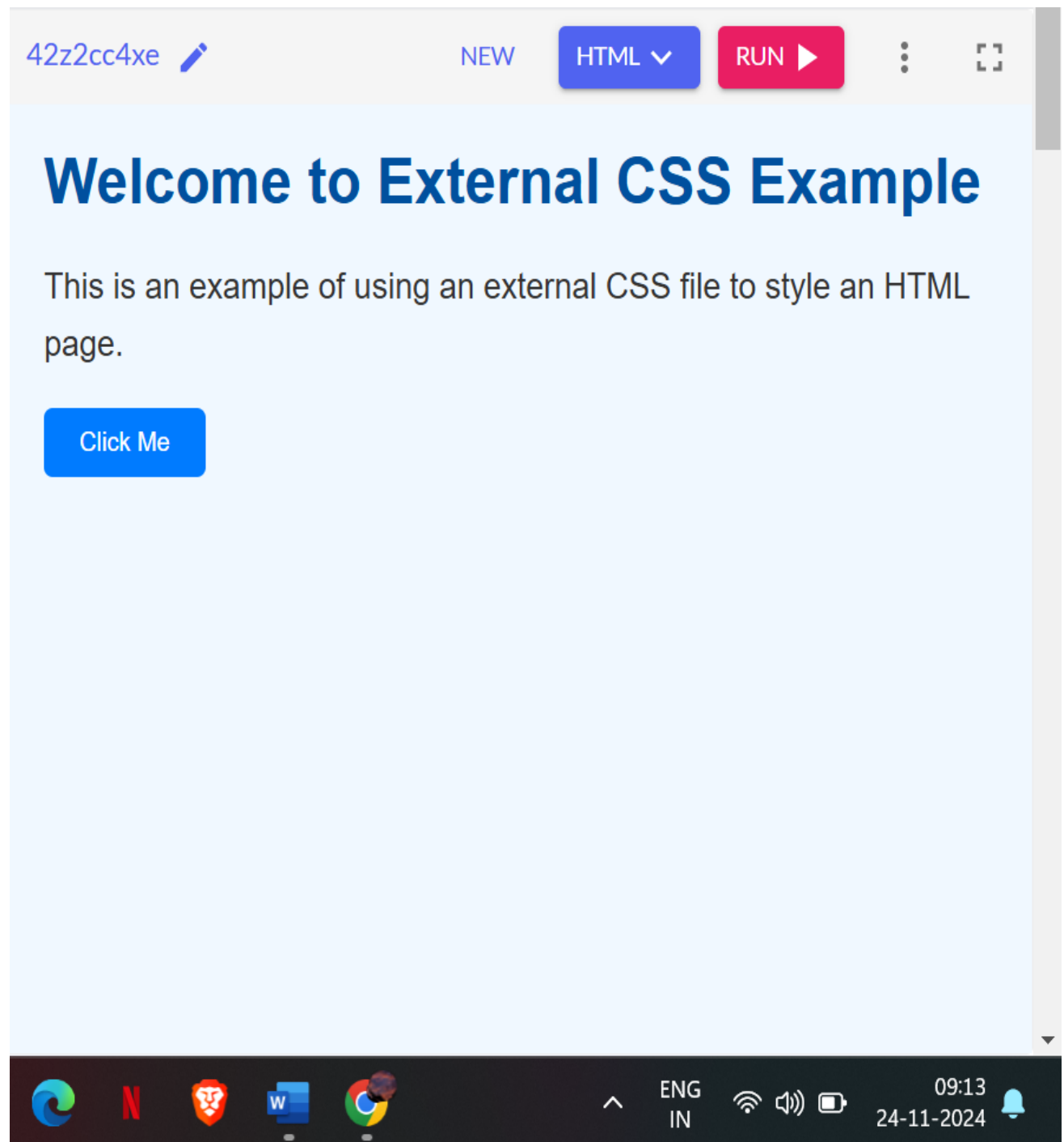
OUTPUT:

EXERCISE 25

Write code to show internal css with html code.

```html
<!DOCTYPE html>
<html>
<head>
    <style>
        body {font-family: Arial, sans-serif;
            margin: 20px;
            background-color: #f0f8ff;
            color: #333;}

        h1 { color: #00509e;}

        p {font-size: 18px;
            line-height: 1.6;}

    button {
            background-color: #007bff;
            color: white;
            padding: 10px 20px;
            border: none;
            border-radius: 5px;
            cursor: pointer;}

    </style>
</head>
<body>
        <h1>Welcome to Internal CSS Example</h1>
        <p>This is an example of using internal CSS to style an HTML page.</p>
        <button>Click Me</button>
</body>
</html>
```

OUTPUT:

Welcome to Internal CSS Example

This is an example of using internal CSS to style an HTML page.

Click Me

EXERCISE 26

Write code to show inline css with HTML code.

```html
<!DOCTYPE html>
<html>
<body>
        <h1 style="color: #00509e; text-align: center;">Welcome to Inline
        CSS Example</h1>

        <p style="font-size: 18px; line-height: 1.6; color: #333;">
            This is an example of using inline CSS to style individual elements.
        </p>

        <button style="background-color: #007bff; color: white;
        padding: 10px 20px; border: none; border-radius: 5px; cursor: pointer;">
            Click Me
        </button>
</body>
</html>
```

OUTPUT:

Welcome to Inline CSS Example

This is an example of using inline CSS to style individual elements.

Click Me

EXERCISE 27

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

```html
<!DOCTYPE html>
<html>
<body>
    <div class="form-container">
        <h2>Add Two Numbers</h2>
        <form id="addForm">
            <label for="num1">Number 1:</label>
            <input type="number" id="num1" name="num1" required><br><br>

            <label for="num2">Number 2:</label>
            <input type="number" id="num2" name="num2" required><br><br>

            <button type="submit">Add</button>
        </form>
        <div class="result" id="result"></div>
    </div>
    <script>
        document.getElementById('addForm').addEventListener('submit',
        function(event) {event.preventDefault();
            const num1 = parseFloat(document.getElementById('num1').value);
            const num2 = parseFloat(document.getElementById('num2').value);
            const sum = num1 + num2;

            document.getElementById('result').textContent =
            `The result is: ${sum}`;
        });
    </script>
</body>
</html>
```

OUTPUT:

Add Two Numbers

Number 1: [   ]

Number 2: [   ]

[Add]

EXERCISE 28

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

```html
<!DOCTYPE html>
<html>
  <head>
  <style>
    img {
      width: 300px;
      height: auto;
      cursor: pointer;
    }
  </style>
</head>
<body>
  <h1>Hover over the image to swap</h1>
  <img id="image" src="image1.jpg" alt="Image 1">

  <script>
    const image = document.getElementById('image');
    const image1 = "data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAAQABAAD/2wCEAAk
    const image2 = "data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAAQABAAD/2wCEAAk
    image.addEventListener('mouseover', () => {
      image.src = image2;
    });

    image.addEventListener('mouseout', () => {
      image.src = image1;
    });
  </script>
</body>
</html>
```

OUTPUT:

Hover over the image to swap

Hover over the image to swap

EXERCISE 29

Write a simple java script program to write an array

```html
<!DOCTYPE html>
<html>
<body>
  <h1>Array Contents</h1>
  <div id="arrayOutput"></div>

  <script>
    const myArray = ['Apple', 'Banana', 'Cherry', 'Date', 'Elderberry'];
    const outputDiv = document.getElementById('arrayOutput');

    outputDiv.innerHTML = `<p>The array contains: ${myArray.join(', ')}</p>`;
  </script>
</body>
</html>
```

OUTPUT:

Array Contents

The array contains: Apple, Banana, Cherry, Date, Elderberry

EXERCISE 30

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

MINIMUM=   MAXIMUM=

```html
<!DOCTYPE html>
<html lang=>
<body>
    <h2>Enter three numbers:</h2>
    <input type="number" id="num1" placeholder="Enter first number">
    <input type="number" id="num2" placeholder="Enter second number">
    <input type="number" id="num3" placeholder="Enter third number">
    <button onclick="findMinMax()">Find Min and Max</button>

    <h3 id="output"></h3>

    <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('output').innerHTML = `<b>MINIMUM= ${min}
MAXIMUM= ${max}</b>`;
        }
    </script>
</body>
</html>
```

OUTPUT:

Enter three numbers:

| 10 | 9 | 5 |

Find Min and Max

MINIMUM= 5 MAXIMUM= 10