

WEB TECHNOLOGY

Assignment – 1

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Class- BCA (AI and ML) IB

Group- 2

Question -1

Create a single HTML page using basic tags.

```
<html>
```

```
<head>
```

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

```
</head>
```

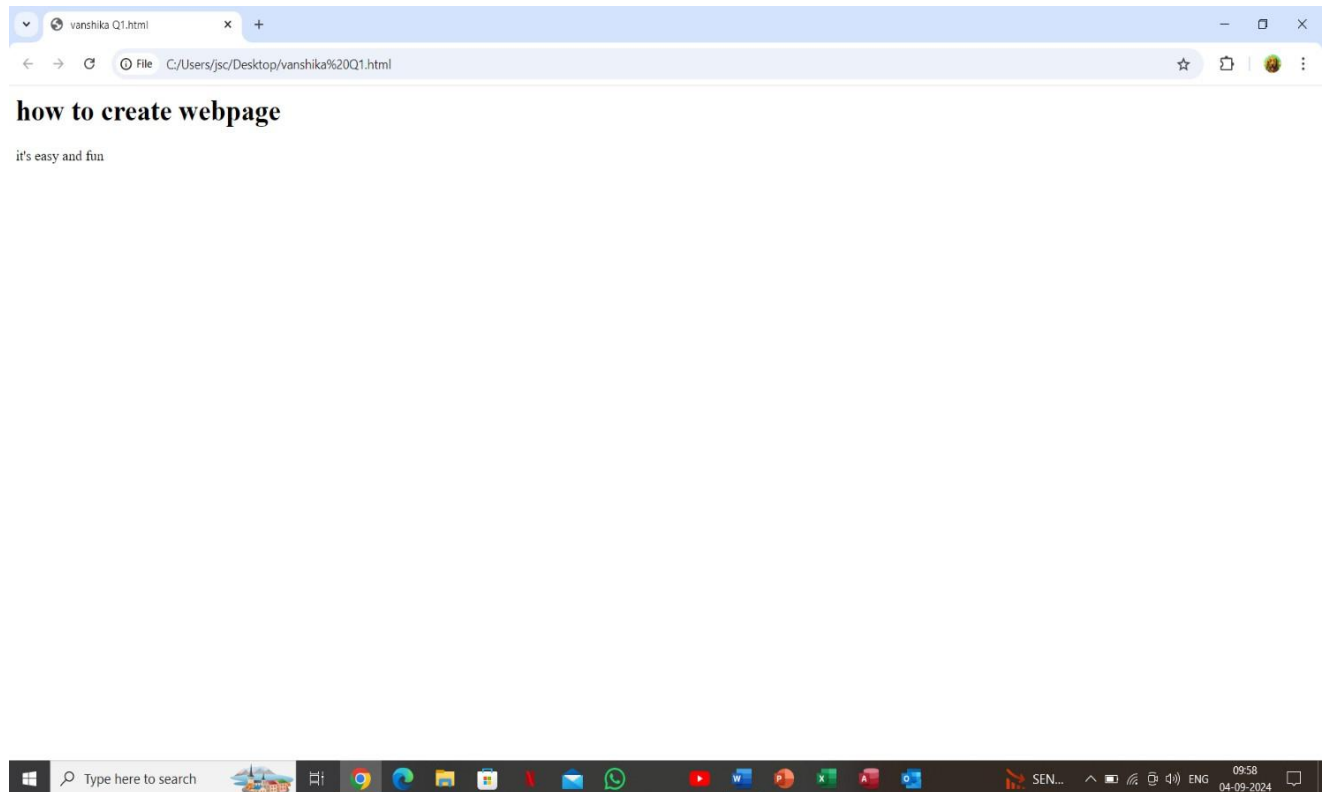
```
<body>
```

```
<h1>how to create webpages </h1>
```

```
<p>It's easy and fun </p>
```

```
</body>
```

```
</html>
```



Question-2

Create a webpage that displays your name to the screen.

```
<html>
```

```
<head>
```

```
<title>My name </title>
```

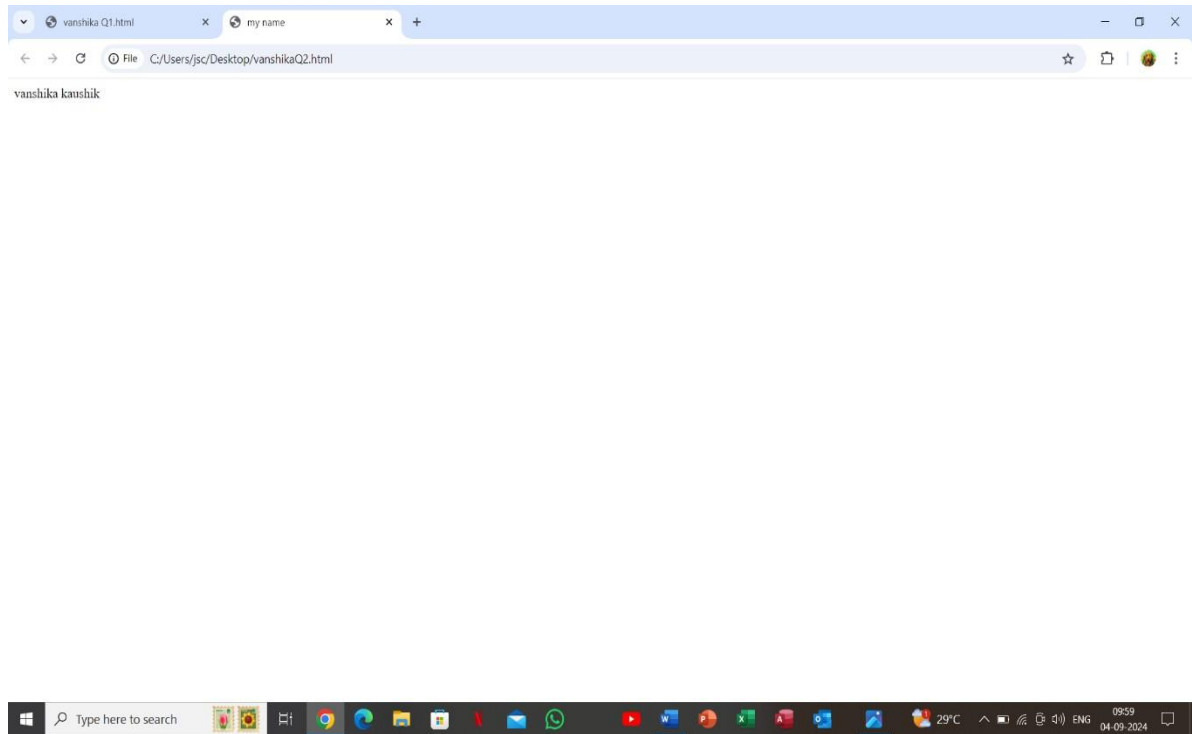
```
</head>
```

```
<body>
```

```
<p>Vanshika Kaushik </p>
```

</body>

</html>



Question-3

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

<html>

<head>

<title>Numbers</title>

</head>

<body>

1

2

3

4

5

6

7

8

9

10

</body>

</html>



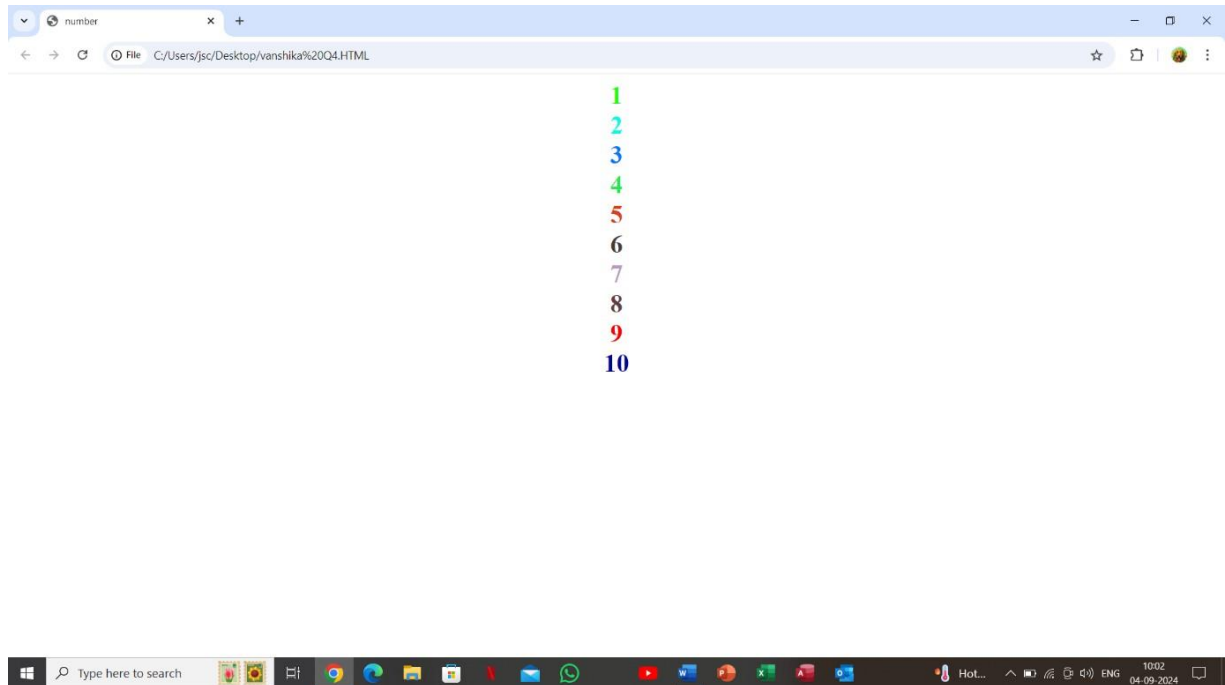
Question-4

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

```
<html>
<head>
<title>Numbers</title>
</head>
<body>
<h1><p align="center">
    <font color="#20fc03">1<br></font>
    <font color="#03fce3">2<br></font>
    <font color="#0377fc">3<br></font>
    <font color="27e653">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>
```

```
</html>
```



Question-5

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

```
<html>
```

```
<head>
```

```
<title>How to add an image as background image of a  
webpage ?</title>
```

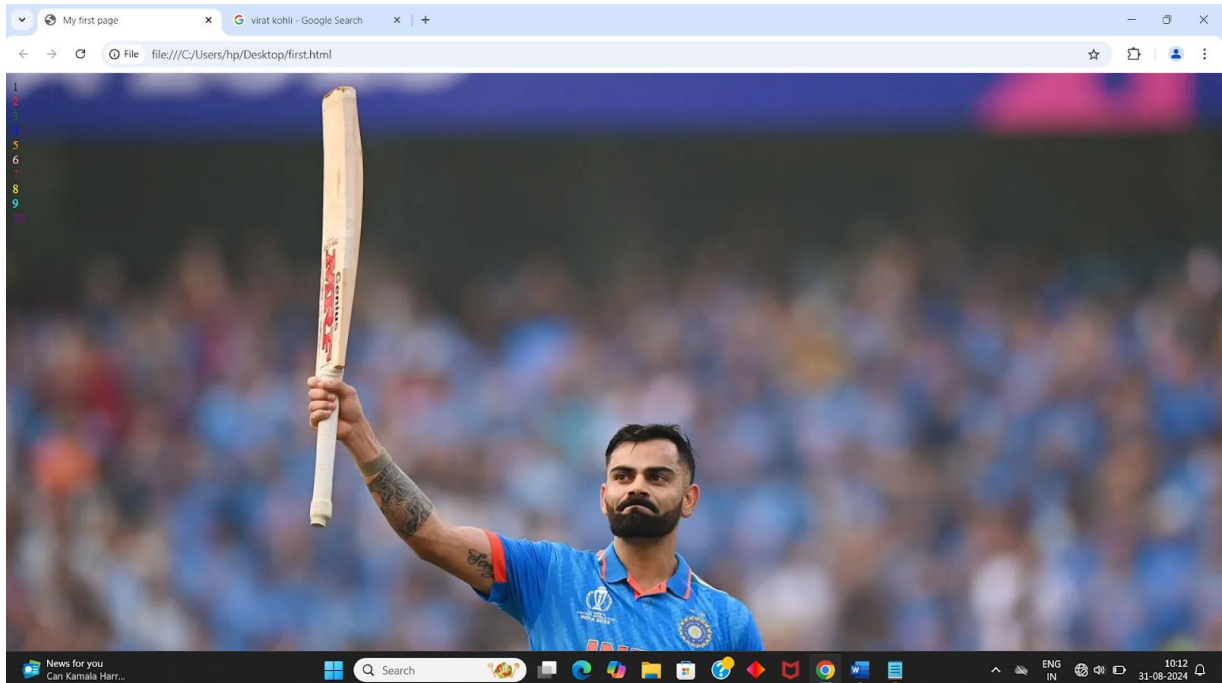
```
</head>
```

```
<body>
```

<h1>How to add an image as background image of a webpage? </h1>

</body>

</html>



Question-6

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

<html>

<body>

<p>

A web page is a document on the web that is accessed in a web browser. A website typically consists of many web pages linked together under a common domain name. The term “web page” is thus a metaphor of paper pages bound together into a book.

Each web page is identified by a distinct uniform resource locator (URL). When the user inputs a URL into their web browser, the browser retrieves the necessary content from a web server and then transforms it into an interactive visual representation on the user’s screen.

If the user clicks or taps a link, the browser repeats this process to load the new URL, which could to be part of the current website or a different one. The browser has features, such as the address bar, that indicate which page is displayed.

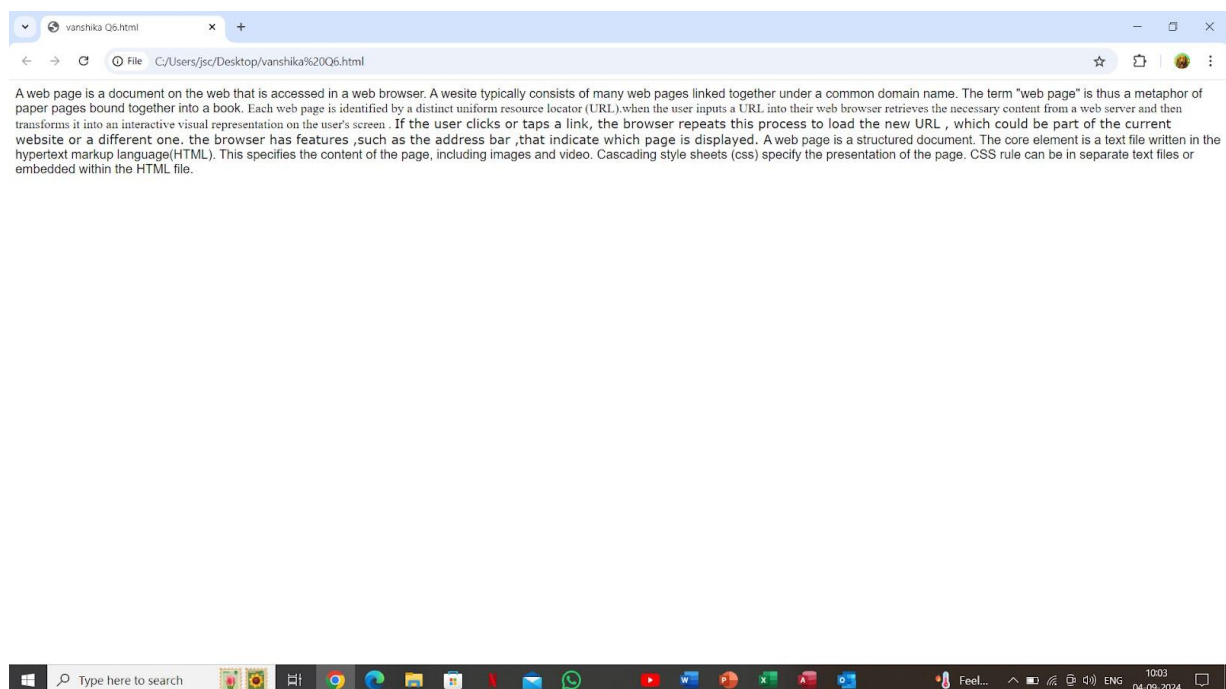
A web page is a structured document. The core element is a text file written in the Hyper Text Markup Language (HTML).

This specifies the content of the page, including images and video. Cascading Style Sheets (CSS) specify the presentation of the page. CSS rules can be in separate text files or embedded within the HTML file.

</p>

</body>

</html>



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.

```
<html>
```

```
<head>
```

```
<title>Student Information</title>
```

```
</head>
```

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

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

```
</body>
```

```
</html>
```



Question -8

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

```
<html>
```

```
<head>
```

```
<title>Heading tag</title>
```

```
</head>
```

```
<body>
```

```
<h1>H</h1>
```

```
<h2>A</h2>
```

```
<h3>N</h3>
```

```
<h4>S</h4>
```

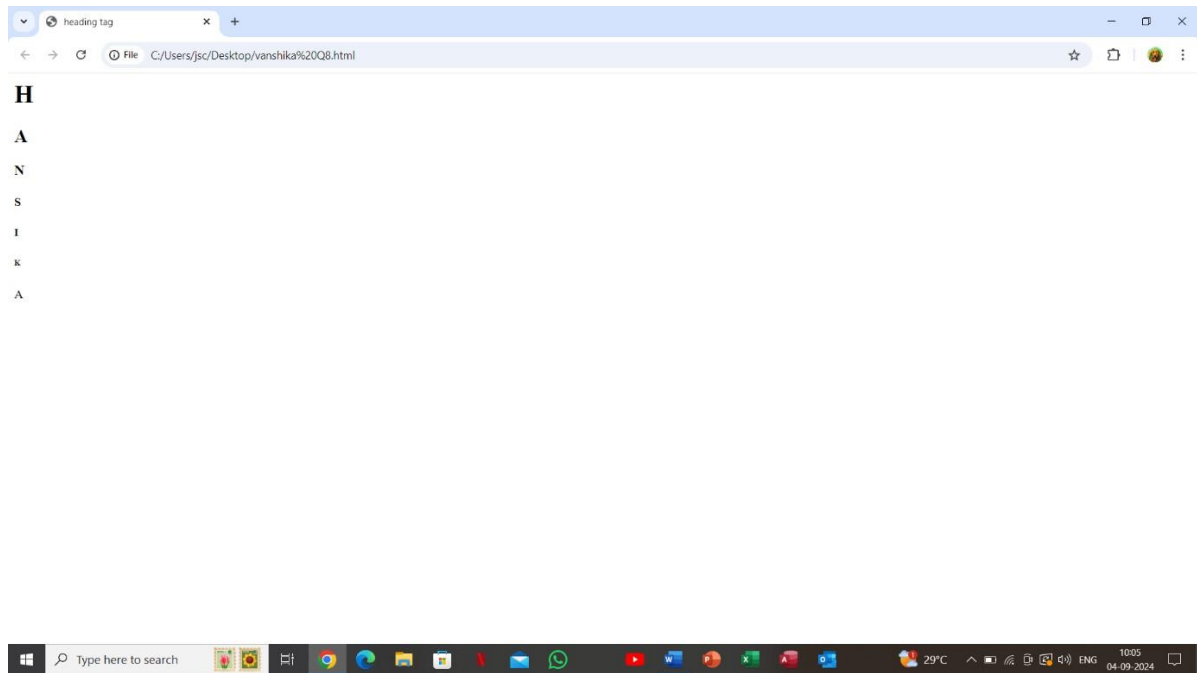
```
<h5>I</h5>
```

```
<h6>K</h6>
```

```
<h7>A</h7>
```

```
</body>
```

```
</html>
```



Question -9

Write HTML code to print the sequence of number 1-20. Each number shall be in different line with number2 next to it as subscript, an equal sign and the result.

```
<html>
<head>
<title>Heading Tag</title>
</head>
<body>
  <p>1<sub>2</sub>=2</p>
  <p>2<sub>2</sub>=4</p>
  <p>3<sub>2</sub>=6</p>
```

$4^2=8$

$5^2=10$

$6^2=12$

$7^2=14$

$8^2=16$

$9^2=18$

$10^2=20$

$11^2=22$

$12^2=24$

$13^2=26$

$14^2=28$

$15^2=30$

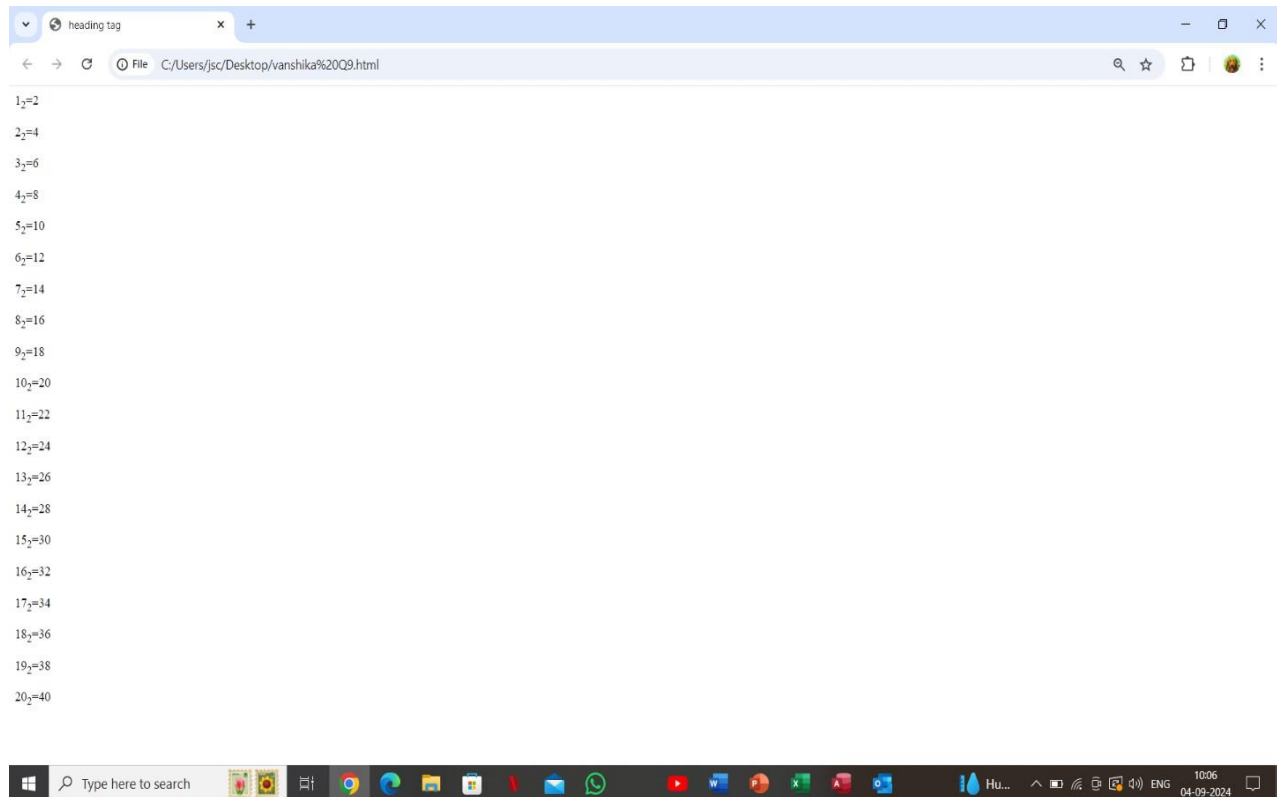
$16^2=32$

$17^2=34$

$18^2=36$

$19^2=38$

$20^2=40$



Question – 10

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

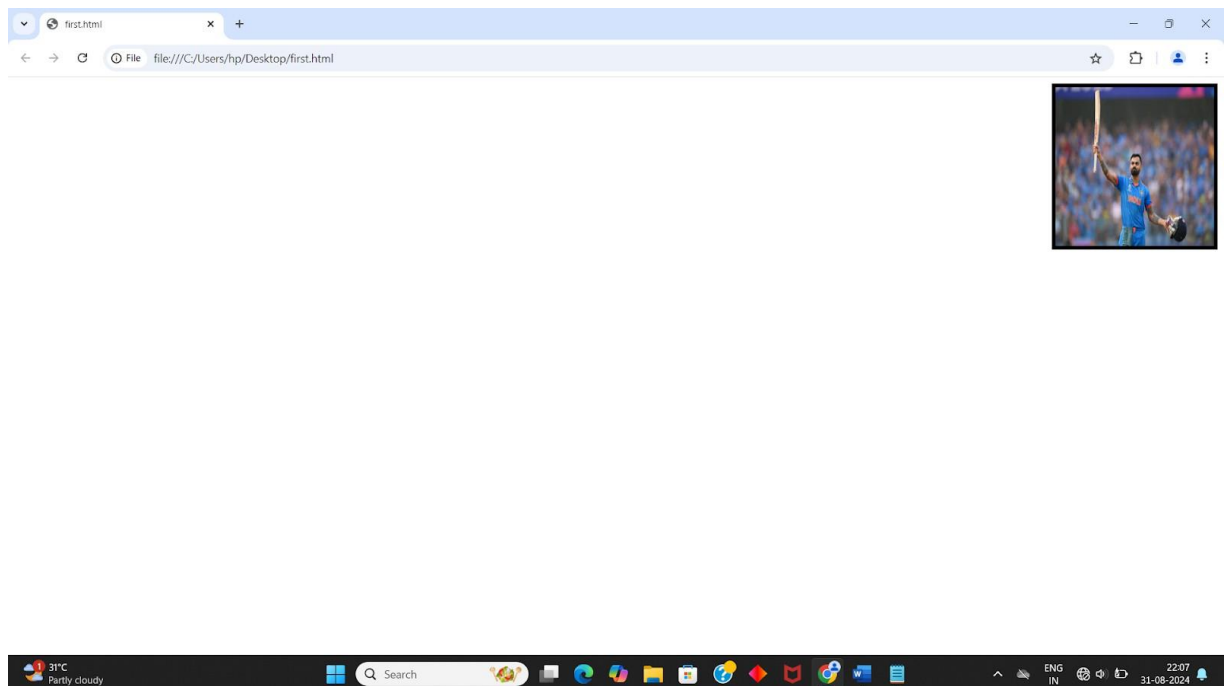
<title>Image with Width Attribute</title>

</head>

<body>

<h1>Image of a Tri-colored Tabby Cat (Width:
612px)</h1>

```
  
  
</body>  
  
</html>
```



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>
```

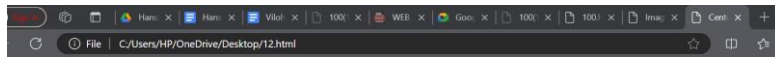
```
<body>
```

```
<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>
```



This is a Centered Heading

Centered Image

Question-12

Write HTML code using Multimedia tags.

Input:

```
<html>
```

```
<head>
```

```
<title>Multimedia Example</title>
```

```
</head>
```

```
<body>
```

```
<h2>Image Example</h2>
```



```


```

```
<!-- Embedding a video -->
<h2>Video Example</h2>
<video width="500" controls>
  <source src="C:\Users\HP\OneDrive\Desktop\scenery video"
type="video/mp4">
</video>
```

```
<!-- Embedding audio -->
<h2>Audio Example</h2>
<audio controls>
  <source src="sample-audio.mp3" type="audio/mpeg"
</audio>
</body>
</html>
```

Output:

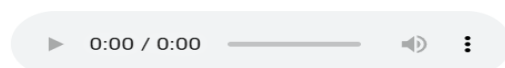
Image Example

 Beautiful Scenery

Video Example



Audio Example



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:

Student ID	Name	Subjects		
		Math	Science	English
1	Riya	85	90	78
2	Priya	88	92	80

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:

Student ID	Name	Math	Science	English
1	Riya	85	90	78
2	Zaen	88	92	80

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>

  <!-- Unordered List -->
  <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>

  <!-- Ordered List -->
  <h2>IIIrd Semester Subjects</h2>
```

```
<ol>
  <li>Operating Systems</li>
  <li>Computer Networks</li>
  <li>Mobile Application Development</li>
  <li>Artificial Intelligence</li>
</ol>
```

```
<!-- Definition List -->
```

```
<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:

MCA IST Subjects

IInd Semester Subjects

- Database Management Systems
- Data Structures and Algorithms
- Software Engineering
- Web Technologies

IIIrd Semester Subjects

1. Operating Systems
2. Computer Networks
3. Mobile Application Development
4. Artificial Intelligence

Subject Definitions

Database Management Systems

A system for creating and managing databases.

Data Structures and Algorithms

The study of data organization and the algorithms that operate on them.

Software Engineering

The application of engineering principles to software development.

Web Technologies

Technologies used for developing web applications.

Operating Systems

The software that manages computer hardware and software resources.

Computer Networks

The study of interconnecting computers to share resources.

Mobile Application Development

The process of creating software applications for mobile devices.

Artificial Intelligence

The simulation of human intelligence processes by machines.

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:

Student ID	Name	Subjects		
		Math	Science	English
1	Riya	85	90	78
2	Priya	88	92	80

Student ID	Name	Math	Science	English
1	Riya	85	90	78
2	Zaen	88	92	80



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:

Feedback Form

Name:

Email:

Feedback:

Preferred Contact Method:

☐ Phone

☒ Email

Subscribe to Newsletter: ☐

Yes, I want to receive updates

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:

Registration Form

The image shows a registration form with the following fields and elements:

- Username:** A text input field.
- Email:** A text input field.
- Password:** A text input field.
- Confirm Password:** A text input field.
- Date of Birth:** A date picker with a placeholder "dd-mm-yyyy" and a calendar icon.
- Gender:** A dropdown menu with the option "Select Gender".
- Address:** A text input field.
- Phone Number:** A text input field.
- Register:** A black button with white text.

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:

The screenshot shows a web browser displaying a 'Student Admission Form'. The form is centered on a green background. It includes the following fields and controls:

- Full Name:** A text input field.
- Date of Birth:** A date picker with a calendar icon and a placeholder 'dd-mm-yyyy'.
- Gender:** A dropdown menu with 'Select Gender' as the placeholder.
- Address:** A large text area for the address.
- Email:** A text input field.
- Phone Number:** A text input field.
- Course Applied For:** A dropdown menu with 'Select Course' as the placeholder.
- Previous School/College:** A text input field.
- Academic Year:** A dropdown menu with 'Select Academic Year' as the placeholder.
- Submit Application:** A button at the bottom of the form.

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:

About Me

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

Services

- Web Development
- UI/UX Design
- SEO Optimization
- Content Creation

Contact Me

If you would like to get in touch, feel free to reach out via email at example@example.com.

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>

Go to Section 1

```
        <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:

Local Hyperlinking Example

- [Go to Section 1](#)
- [Go to Section 2](#)
- [Go to Section 3](#)

Section 1

This is the content of section 1.

[Back to Top](#)

Section 2

This is the content of section 2.

[Back to Top](#)

Section 3

This is the content of section 3.

[Back to Top](#)

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;
    }
  </style>
</head>
<body>
  <h2>Section 1</h2>
  <p>This is the content of section 1.</p>
  <p><a href="#section2">Go to Section 2</a></p>
  <h2>Section 2</h2>
  <p>This is the content of section 2.</p>
  <p><a href="#section3">Go to Section 3</a></p>
  <h2>Section 3</h2>
  <p>This is the content of section 3.</p>
  <p><a href="#section1">Back to Top</a></p>
</body>
</html>
```

```
    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:

- [Go to Section 1](#)
- [Go to Section 2](#)
- [Go to Section 3](#)

Section 1

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

[Back to Top](#)

Section 2

This is the second section. Use the navigation to jump to other sections.

[Back to Top](#)

Section 3

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

[Back to Top](#)

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:

Welcome to My Web Page

Here are some useful external links:

- [Visit Wikipedia](https://www.wikipedia.org) - A free online encyclopedia.
- [Check out GitHub](https://www.github.com) - A platform for version control and collaboration.
- [Learn about OpenAI](https://www.openai.com) - An AI research organization.

Feel free to explore the links above!

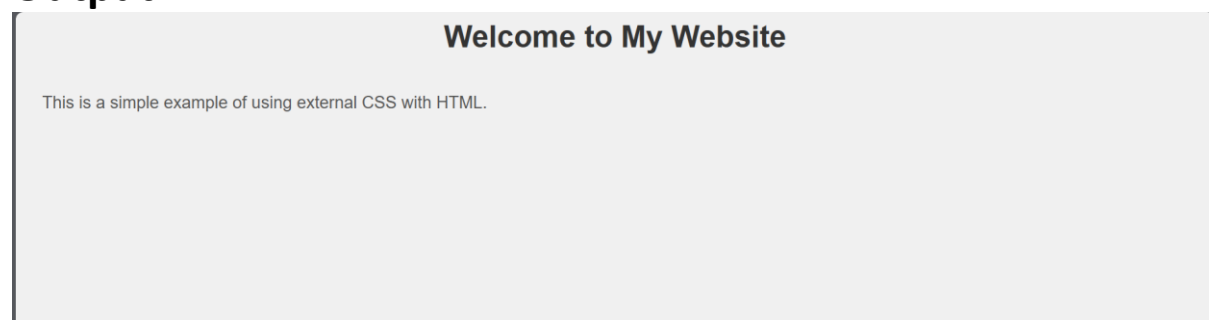
Question-24

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:

Welcome to My Website

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

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:

Welcome to My Website

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