

DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)
Shahbad Daultpur, Bawana Road, Delhi-110042



CO427– WEB TECHNOLOGY

Lab File

Department of Computer Science

Submitted to:

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Submitted by:

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EXPERIMENT - 1

AIM:

Design a page having suitable background colour and text colour with title “My First Web Page” using all the attributes of the Font tag.

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <script src="/test1.js"></script>
  <link rel="stylesheet" href="styles.css">
  <title>My First Web Page</title>
</head>
<body>
  <h1>This is My First Web Page</h1>
  <p>This is a simple example of a web page with a customized title using various font
attributes.</p>
</body>
</html>
```

CSS:

```
body {
  background-color: grey;
  font-family: Arial, sans-serif;
}

h1 {
  font-size: 2em;
  font-weight: bold;
  text-align: center;
  color: rgb(0, 255, 55);
  text-decoration: underline;
  font-style: italic;
  letter-spacing: 2px;
  text-transform: uppercase;
}

p{
  text-align: center;
  color: aqua;
}
```

OUTPUT:



EXPERIMENT - 2

AIM:

Create a HTML document giving details of your [Name, Age], [Address, Phone] and [Register Number, Class] aligned in proper order using alignment attributes of Paragraph tag

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My Details</title>
  <link rel="stylesheet" href="/styles.css"> <!-- Link to your external CSS file -->
</head>
<body>
  <div class="details">
    <p class="label">Name:</p>
    <p>Manoj Kumar</p>

    <p class="label">Age:</p>
    <p>21</p>

    <p class="label">Address:</p>
    <p class="contact-details">Delhi</p>

    <p class="label">Phone:</p>
    <p class="contact-details">946222XXXX</p>

    <p class="label">Register Number:</p>
    <p>76</p>
```

```
    <p class="label">Class:</p>
    <p>IV year</p>
  </div>
</body>
</html>
```

CSS:

```
/* styles.css */

body {
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  background-color: #f8f8f8;
  margin: 0;
  display: flex;
  align-items: center;
  justify-content: center;
  height: 100vh;
}

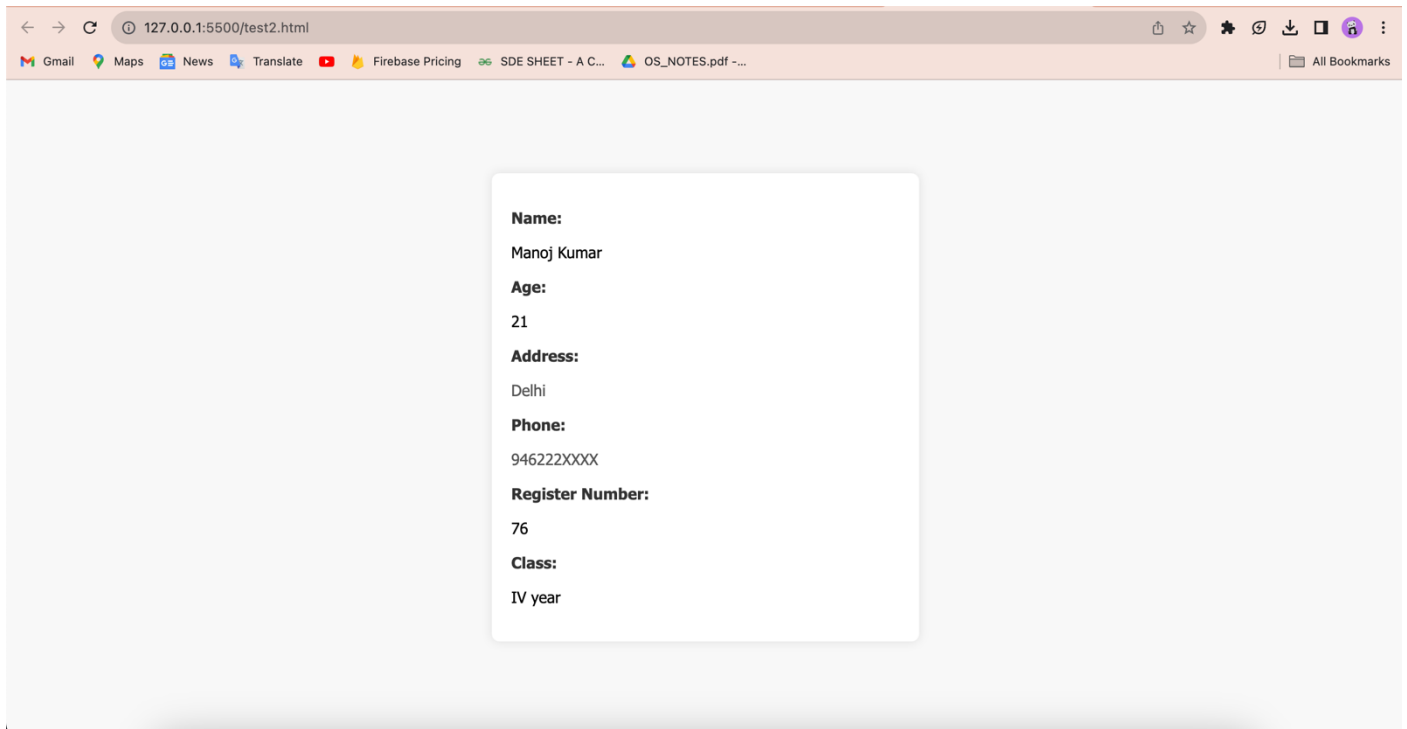
.details {
  background-color: #fff;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  max-width: 400px;
  width: 100%;
}

.label {
  font-weight: bold;
  color: #333;
  margin-bottom: 5px;
}

.info {
  color: #008080;
  font-weight: bold;
  margin-top: 5px;
}

.contact-details {
  text-align: left;
  color: #555;
}
```

OUTPUT:



EXPERIMENT - 3

AIM:

Write HTML code to design a page containing some text in a paragraph by giving suitable heading style

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Styled Page</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      display: flex;
      align-items: center;
```

```

        justify-content: center;
    }

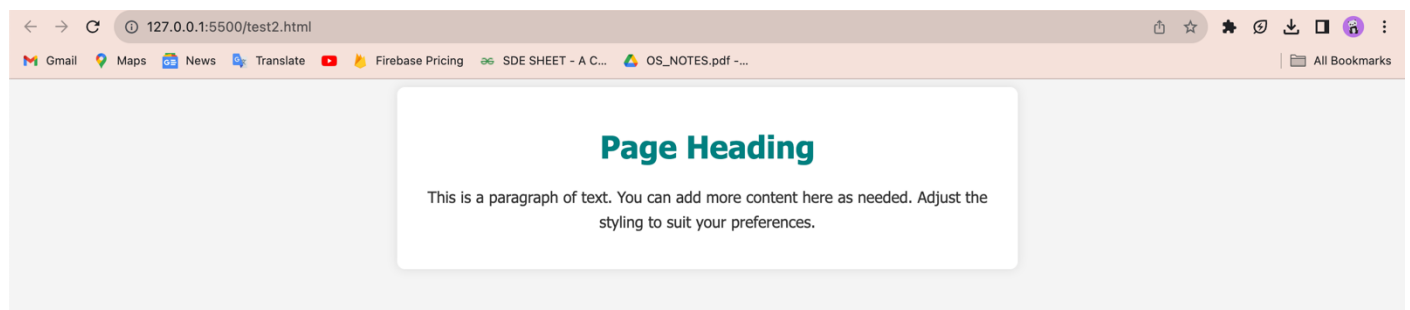
    .container {
        background-color: #fff;
        padding: 20px;
        border-radius: 8px;
        box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
        max-width: 600px;
        width: 100%;
        text-align: center;
    }

    h1 {
        color: #008080;
        margin-bottom: 20px;
    }

    p {
        color: #333;
        line-height: 1.6;
    }
</style>
</head>
<body>
    <div class="container">
        <h1>Page Heading</h1>
        <p>This is a paragraph of text. You can add more content here as needed. Adjust the
styling to suit your preferences.</p>
    </div>
</body>
</html>

```

OUTPUT:



EXPERIMENT - 4

AIM:

Create a page to show different character formatting (B, I, U, SUB, SUP) tags.

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Character Formatting Example</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      display: flex;
      align-items: center;
      justify-content: center;
    }

    .container {
      background-color: #fff;
      padding: 20px;
      border-radius: 8px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
      max-width: 600px;
      width: 100%;
      text-align: center;
    }

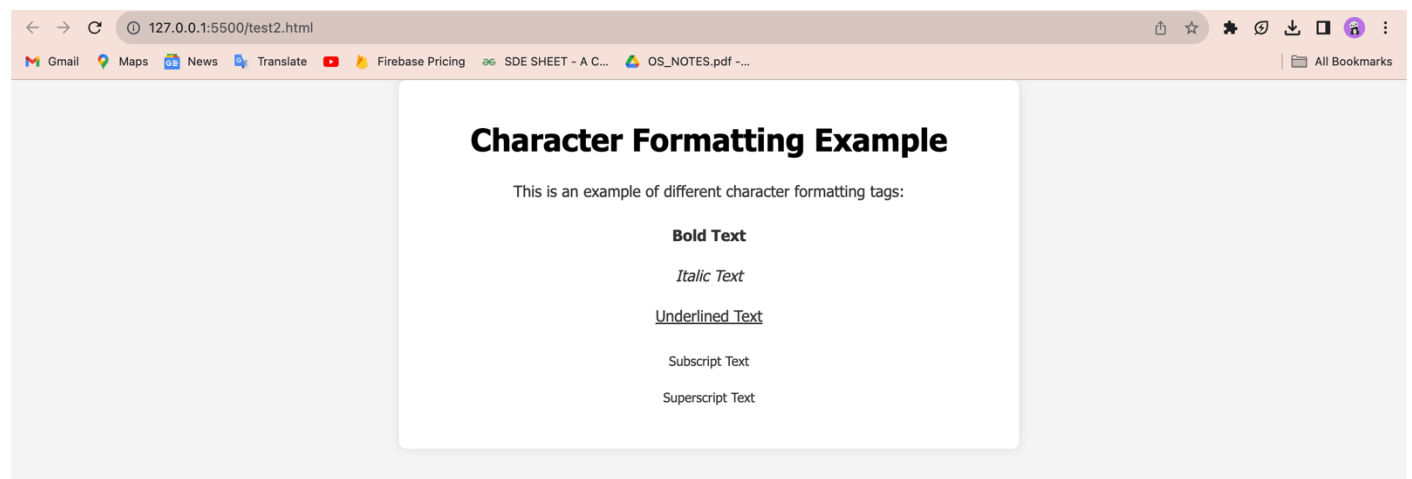
    p {
      color: #333;
      line-height: 1.6;
    }

    .format-example {
      margin-top: 20px;
    }
  </style>
</head>
<body>
  <div class="container">
    <h1>Character Formatting Example</h1>
    <p>This is an example of different character formatting tags:</p>

    <div class="format-example">
```

```
<p><b>Bold Text</b></p>
<p><i>Italic Text</i></p>
<p><u>Underlined Text</u></p>
<p><sub>Subscript Text</sub></p>
<p><sup>Superscript Text</sup></p>
</div>
</div>
</body>
</html>
```

OUTPUT:



EXPERIMENT - 5

AIM:

Write HTML code to create a Web Page that contains an Image at its centre

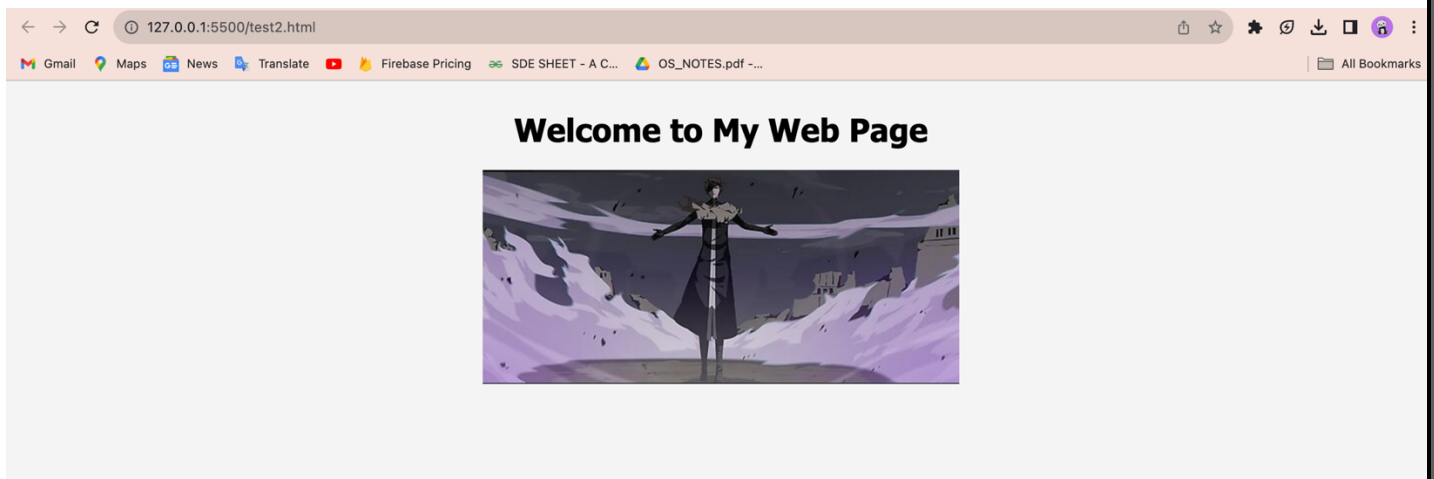
CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Centered Image Web Page</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      display: flex;
      align-items: center;
      justify-content: center;
    }

    .container {
      text-align: center;
    }
  </style>
</head>
<body>
  <div class="container">
    <h1>Welcome to My Web Page</h1>
    
  </div>
</body>
</html>
```

OUTPUT:



EXPERIMENT - 6

AIM:

Create a web page with an appropriate image towards the left hand side of the page, when user clicks on the image another web page should open.

CODE:

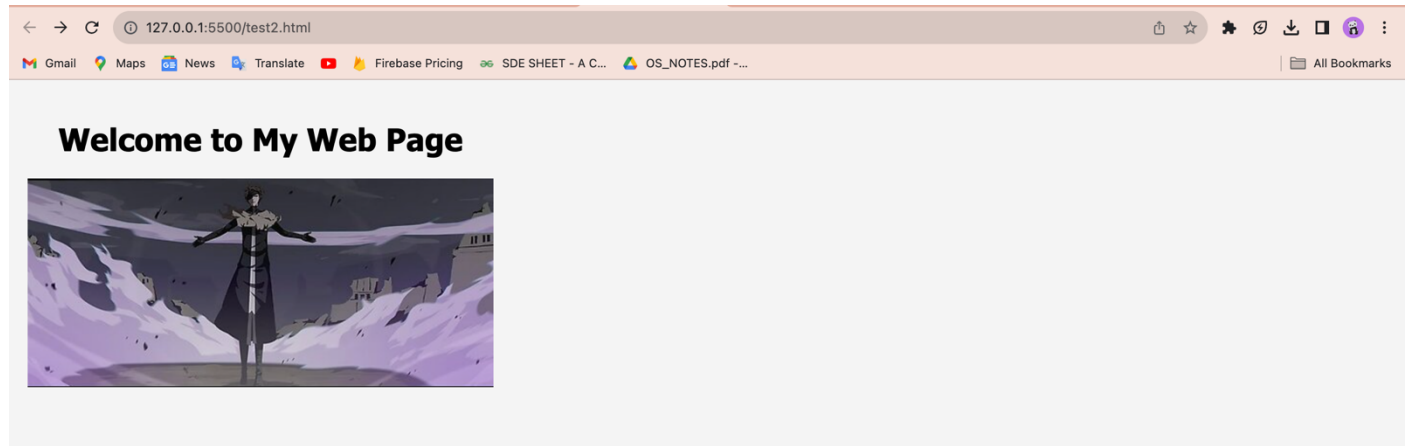
HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Image Click Example</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      display: flex;
      align-items: center;
    }

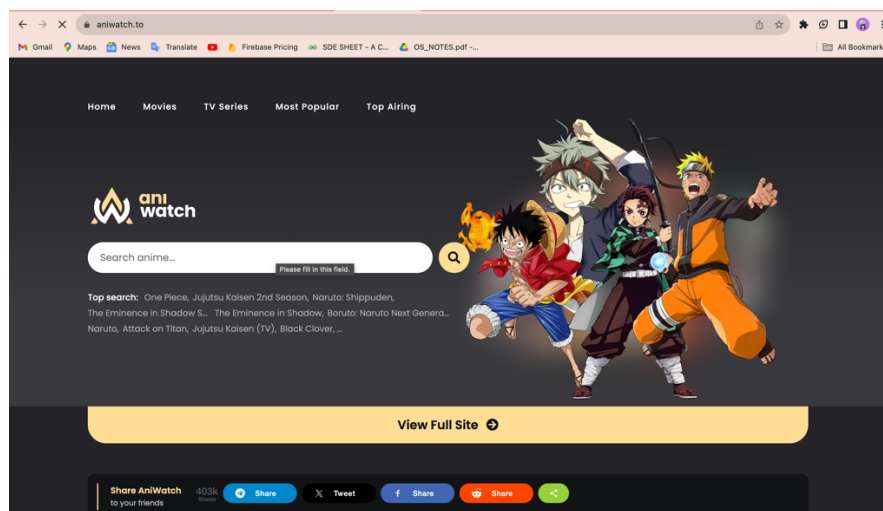
    .container {
      display: flex;
      flex-direction: column;
      justify-content: space-between;
      align-items: center;
      padding: 20px;
    }

    #clickable-image {
      cursor: pointer;
    }
  </style>
</head>
<body>
  <div class="container">
    <h1>Welcome to My Web Page</h1>
    <a href="https://aniwatch.to"></a>
  </div>
</body>
</html>
```

OUTPUT:



On clicking the image



EXPERIMENT - 7

AIM:

Create web Page using Anchor tag with its attributes for external links.

CODE:

HTML:

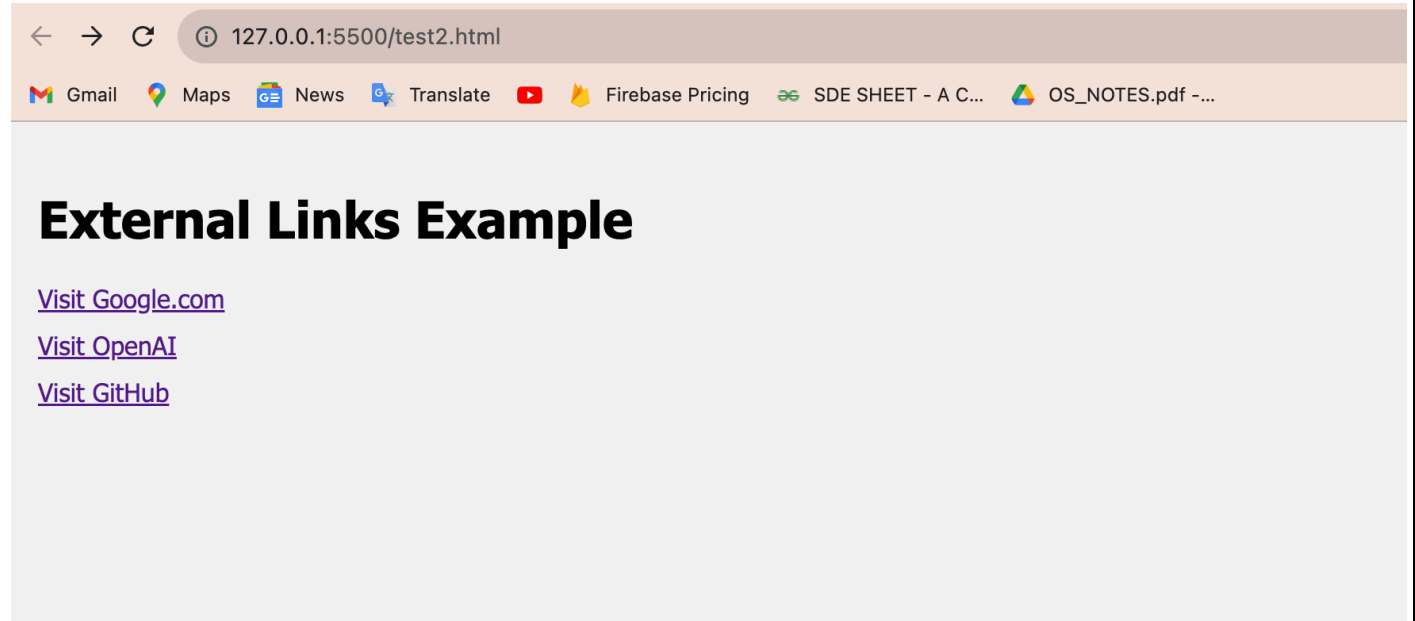
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>External Links Example</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 20px;
    }

    .link-list {
      list-style-type: none;
      padding: 0;
    }

    .external-link {
      margin-bottom: 10px;
    }
  </style>
</head>
<body>
  <h1>External Links Example</h1>

  <ul class="link-list">
    <li class="external-link">
      <a href="https://www.google.com" target="_blank" rel="noopener noreferrer">Visit
Google.com</a>
    </li>
    <li class="external-link">
      <a href="https://www.openai.com" target="_blank" rel="noopener noreferrer">Visit
OpenAI</a>
    </li>
    <li class="external-link">
      <a href="https://www.github.com" target="_blank" rel="noopener noreferrer">Visit
GitHub</a>
    </li>
  </ul>
</body>
</html>
```

OUTPUT:



EXPERIMENT - 8

AIM:

Create a web page for internal links; when the user clicks on different links on the web page it should go to the appropriate locations/sections in the same page.

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Internal Links Example</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 20px;
    }

    /* Styling for navigation links */
    nav {
      margin-bottom: 20px;
    }

    nav a {
      margin-right: 15px;
      text-decoration: none;
      color: #008080;
      font-weight: bold;
    }

    /* Styling for sections */
    section {
      height: 40vh;
      margin-bottom: 30px;
      padding: 20px;
      background-color: #fff;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }
  </style>
</head>
<body>
  <h1>Internal Links Example</h1>

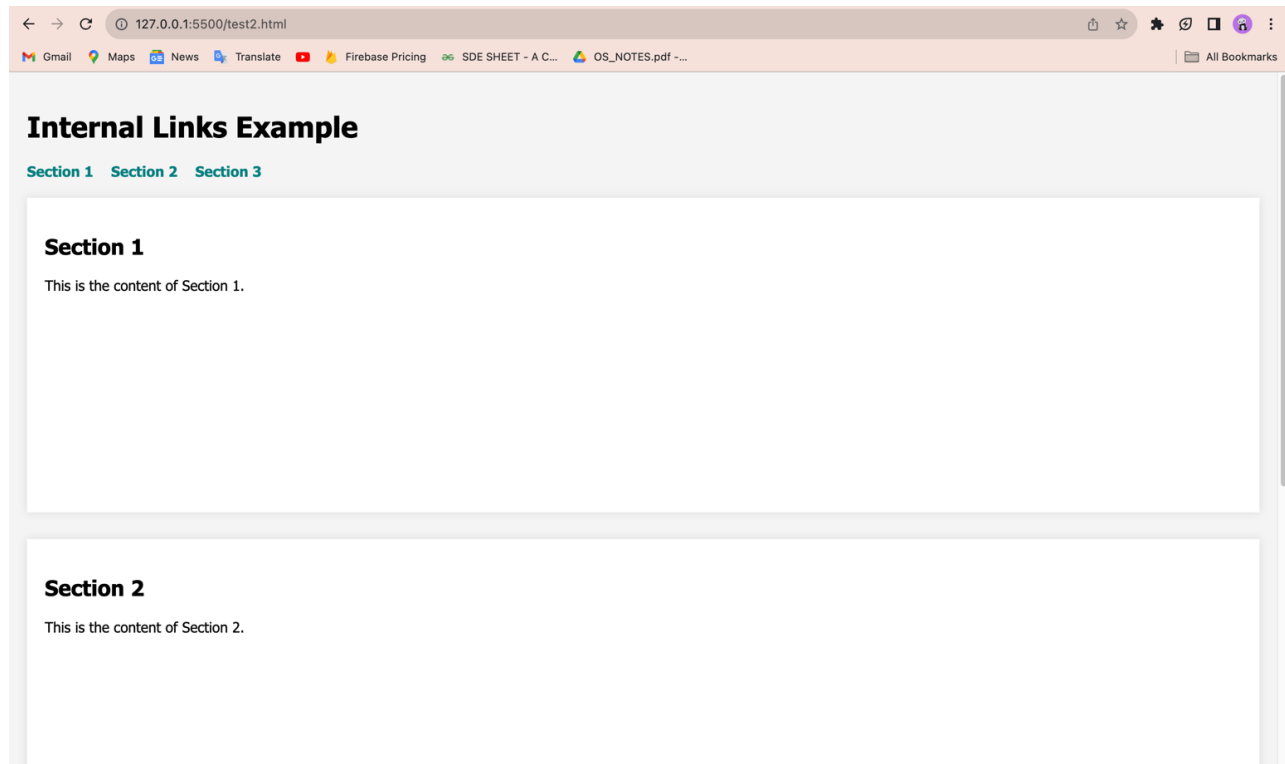
  <nav>
    <!-- Internal links to different sections -->
    <a href="#section1">Section 1</a>
    <a href="#section2">Section 2</a>
    <a href="#section3">Section 3</a>
  </nav>
```

```
<section id="section1">
  <h2>Section 1</h2>
  <p>This is the content of Section 1.</p>
</section>

<section id="section2">
  <h2>Section 2</h2>
  <p>This is the content of Section 2.</p>
</section>

<section id="section3">
  <h2>Section 3</h2>
  <p>This is the content of Section 3.</p>
</section>
</body>
</html>
```

OUTPUT:



On clicking section 2

Section 2

This is the content of Section 2.

Section 3

This is the content of Section 3.

EXPERIMENT - 9

AIM:

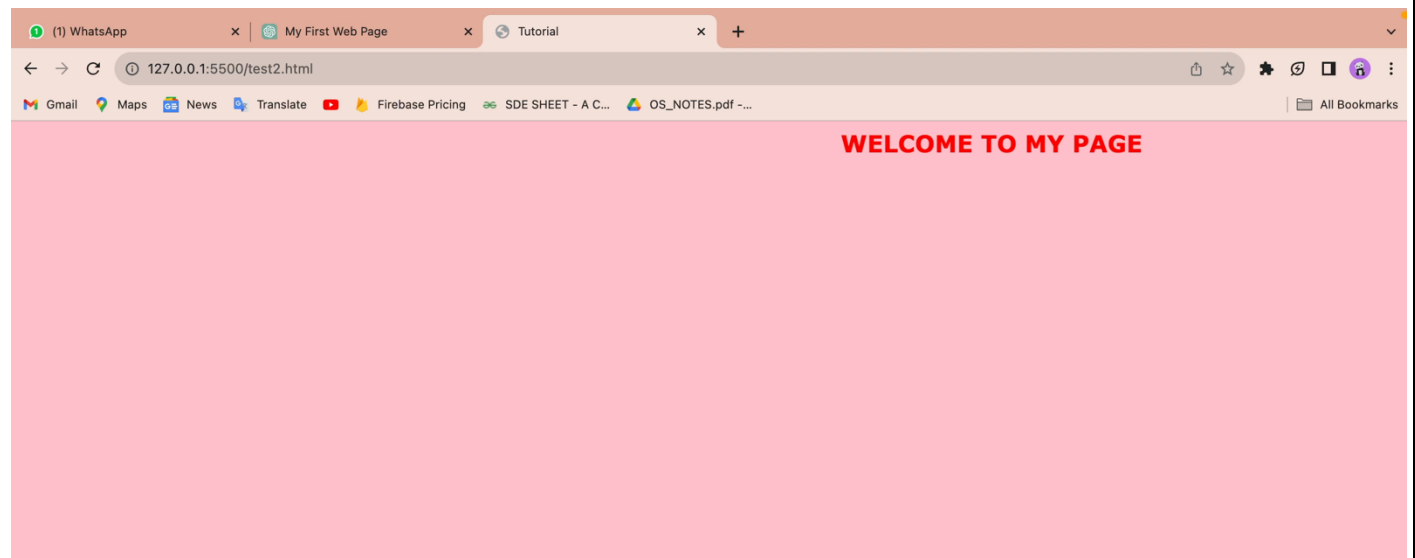
Write a HTML code to create a web page with pink color background and display moving message in red color.

CODE:

HTML:

```
<!DOCTYPE html>
<HTML>
<HEAD>
<TITLE>Tutorial </TITLE>
</HEAD>
<BODY BGCOLOR="pink">
<MARQUEE>
<FONT FACE="verdana" COLOR="red" SIZE="5">
<B>WELCOME TO MY PAGE</B>
</FONT>
</MARQUEE>
</BODY>
</HTML>
```

OUTPUT:



EXPERIMENT - 10

AIM:

Create a web page, showing an ordered list of all second semester courses

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Second Semester Courses</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 20px;
    }

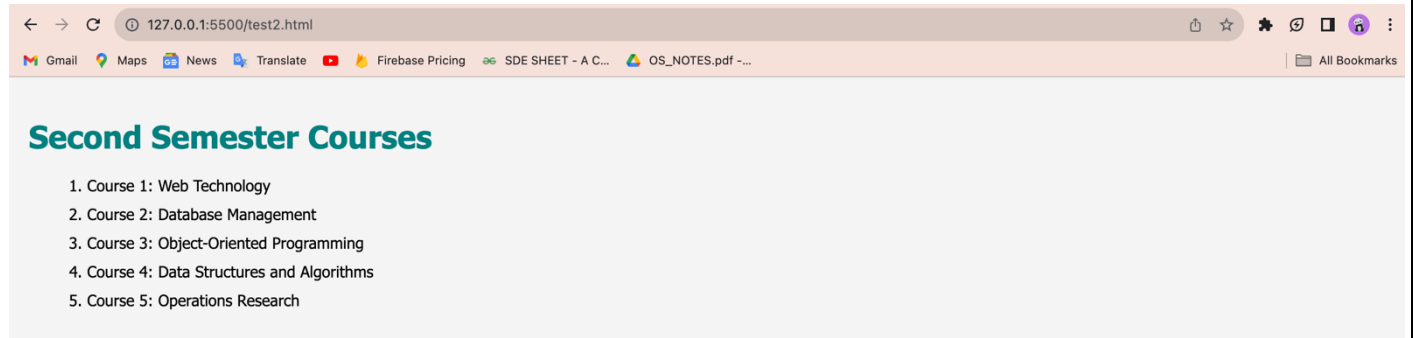
    h1 {
      color: #008080; /* Dark teal color */
    }

    ol {
      list-style-type: decimal;
      margin-left: 20px;
    }

    li {
      margin-bottom: 10px;
    }
  </style>
</head>
<body>
  <h1>Second Semester Courses</h1>

  <ol>
    <li>Course 1: Web Technology</li>
    <li>Course 2: Database Management</li>
    <li>Course 3: Object-Oriented Programming</li>
    <li>Course 4: Data Structures and Algorithms</li>
    <li>Course 5: Operations Research</li>
  </ol>
</body>
</html>
```

OUTPUT:



EXPERIMENT - 11

AIM:

Create a web page, showing an unordered list of names of all the Diploma Programmes (Branches) in your institution.

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>B-tech Programmes</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 20px;
    }

    h1 {
      color: #008080;
    }
  </style>
</head>
<body>
  <ul>
    <li>Course 1: Web Technology</li>
    <li>Course 2: Database Management</li>
    <li>Course 3: Object-Oriented Programming</li>
    <li>Course 4: Data Structures and Algorithms</li>
    <li>Course 5: Operations Research</li>
  </ul>
</body>
</html>
```

```

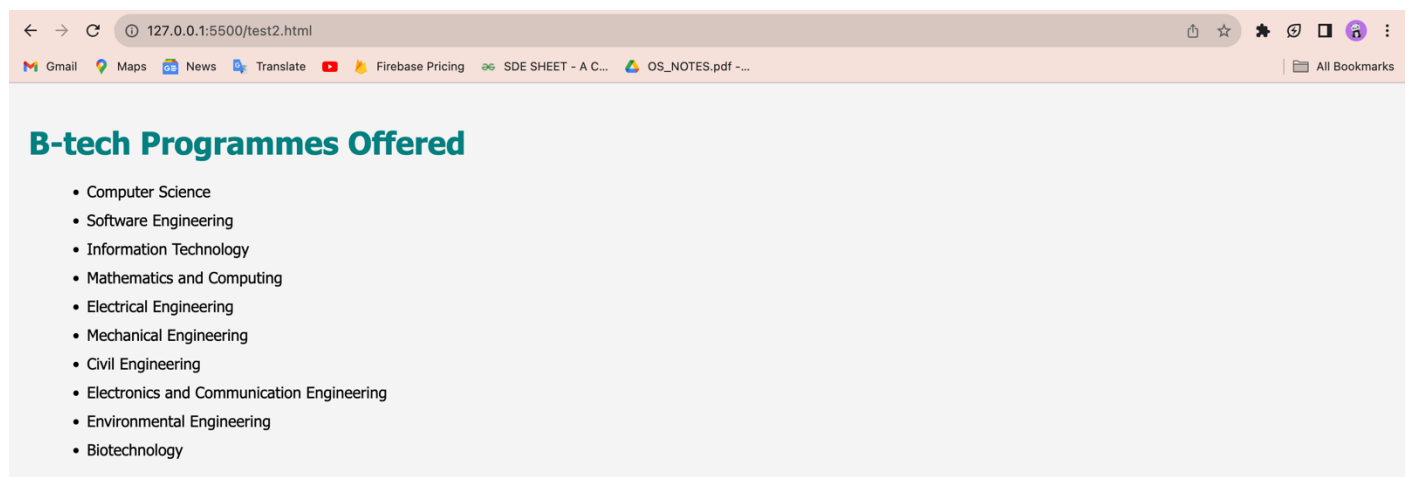
    ul {
      list-style-type: disc;
      margin-left: 20px;
    }

    li {
      margin-bottom: 10px;
    }
  </style>
</head>
<body>
  <h1>B-tech Programmes Offered</h1>

  <ul>
    <li>Computer Science</li>
    <li>Software Engineering</li>
    <li>Information Technology</li>
    <li>Mathematics and Computing</li>
    <li>Electrical Engineering</li>
    <li>Mechanical Engineering</li>
    <li>Civil Engineering</li>
    <li>Electronics and Communication Engineering</li>
    <li>Environmental Engineering</li>
    <li>Biotechnology</li>
  </ul>
</body>
</html>

```

OUTPUT:



EXPERIMENT - 12

AIM:

Create a HTML document containing a nested list showing a content page of any book.

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Book Content Page</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 20px;
    }

    h1 {
      color: #008080;
    }

    ul {
      list-style-type: none;
    }

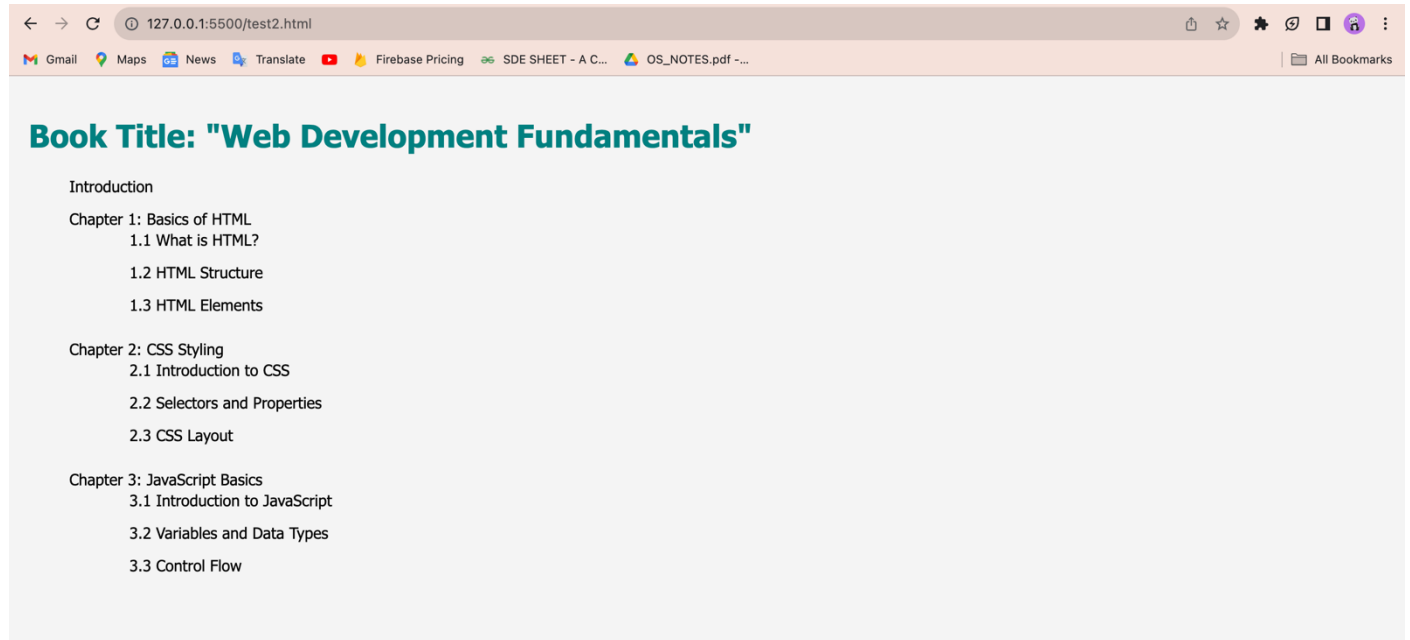
    li {
      margin-bottom: 10px;
      padding: 2px;
    }

    .sub-list {
      margin-left: 20px;
    }
  </style>
</head>
<body>
  <h1>Book Title: "Web Development Fundamentals"</h1>

  <ul>
    <li>Introduction</li>
    <li>Chapter 1: Basics of HTML
      <ul class="sub-list">
        <li>1.1 What is HTML?</li>
        <li>1.2 HTML Structure</li>
        <li>1.3 HTML Elements</li>
      </ul>
    </li>
  </ul>
</body>
</html>
```

```
        </ul>
    </li>
    <li>Chapter 2: CSS Styling
        <ul class="sub-list">
            <li>2.1 Introduction to CSS</li>
            <li>2.2 Selectors and Properties</li>
            <li>2.3 CSS Layout</li>
        </ul>
    </li>
    <li>Chapter 3: JavaScript Basics
        <ul class="sub-list">
            <li>3.1 Introduction to JavaScript</li>
            <li>3.2 Variables and Data Types</li>
            <li>3.3 Control Flow</li>
        </ul>
    </li>
</ul>
</body>
</html>
```

OUTPUT:



EXPERIMENT - 13

AIM:

Create the following table in HTML with dummy data

13. Create the following table in HTML with Dummy Data:

Reg. Number	Student Name	Year/Semester	Date of Admission

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Student Information Table</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 20px;
    }

    table {
      width: 100%;
      border-collapse: collapse;
      margin-top: 20px;
    }

    th, td {
      border: 1px solid #ddd;
      padding: 10px;
      text-align: left;
    }
  </style>
</head>
<body>
  <h1>Student Information Table</h1>
```

```
<table>
  <thead>
    <tr>
      <th>Reg. No</th>
      <th>Student Name</th>
      <th>Year/Semester</th>
      <th>Date of Admission</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>2K20/MC/76</td>
      <td>Manoj Kumar</td>
      <td>4th Year / 7th Semester</td>
      <td>1 Dec 2020</td>
    </tr>
    <tr>
      <td>2K20/MC/77</td>
      <td>Mohan</td>
      <td>4th Year / 7th Semester</td>
      <td>1 Dec 2020</td>
    </tr>
    <tr>
      <td>2K20/MC/78</td>
      <td>Mohit Pandey</td>
      <td>4th Year / 7th Semester</td>
      <td>1 Dec 2020</td>
    </tr>
    <tr>
      <td>2K20/MC/79</td>
      <td>Mohit Aggarwal</td>
      <td>4th Year / 7th Semester</td>
      <td>1 Dec 2020</td>
    </tr>
    <tr>
      <td>2K20/MC/80</td>
      <td>Sajal Sameer</td>
      <td>4th Year / 7th Semester</td>
      <td>1 Dec 2020</td>
    </tr>
    <tr>
      <td>2K20/MC/81</td>
      <td>Rahul Yadav</td>
      <td>4th Year / 7th Semester</td>
      <td>1 Dec 2020</td>
    </tr>
    <tr>
      <td>2K20/MC/82</td>
      <td>Raman Singh</td>
      <td>4th Year / 7th Semester</td>
      <td>1 Dec 2020</td>
    </tr>
  </tbody>
</table>
```



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

OUTPUT:

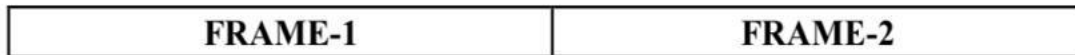
Student Information Table

Reg. No	Student Name	Year/Semester	Date of Admission
2K20/MC/76	Manoj Kumar	4th Year / 7th Semester	1 Dec 2020
2K20/MC/77	Mohan	4th Year / 7th Semester	1 Dec 2020
2K20/MC/78	Mohit Pandey	4th Year / 7th Semester	1 Dec 2020
2K20/MC/79	Mohit Aggarwal	4th Year / 7th Semester	1 Dec 2020
2K20/MC/80	Sajal Sameer	4th Year / 7th Semester	1 Dec 2020
2K20/MC/81	Rahul Yadav	4th Year / 7th Semester	1 Dec 2020
2K20/MC/82	Raman Singh	4th Year / 7th Semester	1 Dec 2020

EXPERIMENT - 14

AIM:

14. Create a web page which divides the page in two equal frames and place the audio and video clips in frame-1 and frame-2 respectively.



CODE:

HTML:

test2.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Audio and Video Frames</title>
  <style>
    frame{
      border: 2px solid black;
      padding: 40px;
    }
  </style>
</head>
<frameset cols="50%, 50%">
  <!-- Frame 1: Audio Clip -->
  <frame src="audio.html" name="frame1" scrolling="auto" noresize>

  <!-- Frame 2: Video Clip -->
  <frame src="video.html" name="frame2" scrolling="auto" noresize>
</frameset>
</html>
```

audio.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Audio Frame</title>
  <style>
    h1{
      margin-bottom: 40px;
    }
    .audioFrame{
      display: flex;
    }
  </style>
</head>
<body>
  <h1>Audio Frame</h1>
  <div class="audioFrame">
    <audio src="audio.mp3">
  </div>
</body>
</html>
```

```

        flex-direction: column;
        justify-content: center;
    }
    .audioFrame audio{
        margin-bottom: 100px;
        padding: 20px;
    }
</style>
</head>
<body>
    <h1>Frame 1</h1>
    <div class="audioFrame">
        <audio controls>
            <source src="-_clavar_la_espada_(mp3.pm).mp3" type="audio/mp3">
        </audio>
        <audio controls>
            <source src="-_clavar_la_espada_(mp3.pm).mp3" type="audio/mp3">
        </audio>
        <audio controls>
            <source src="-_clavar_la_espada_(mp3.pm).mp3" type="audio/mp3">
        </audio>
    </div>
</body>
</html>

```

video.html

```

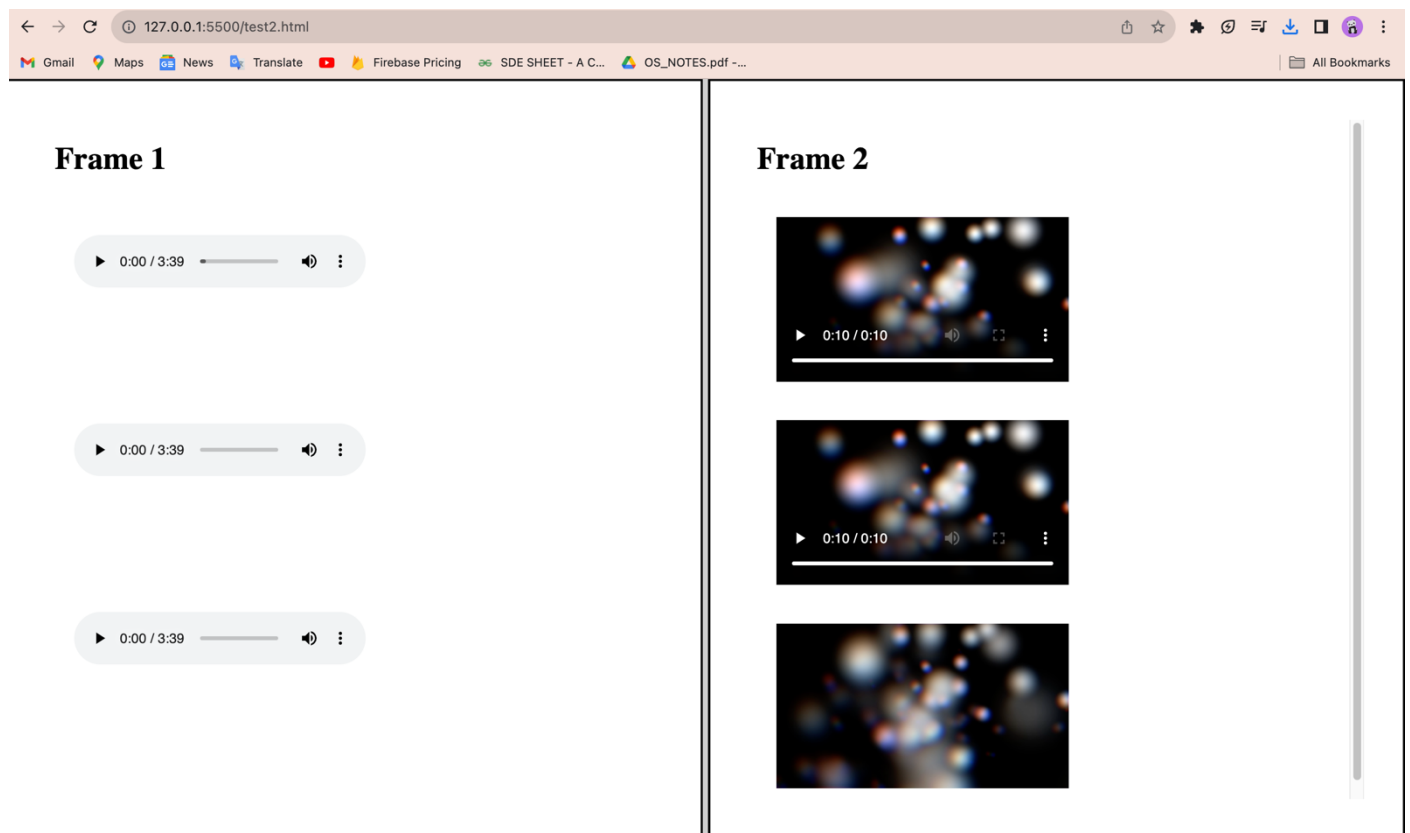
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Video Frame</title>
    <style>
        .videoFrame{
            display: flex;
            flex-direction: column;
            justify-content: center;
        }
        .videoFrame video{
            padding: 20px;
        }
    </style>
</head>
<body>
    <h1>Frame 2</h1>
    <div class="videoFrame">
        <video width="50%" height="50%" controls>
            <source src="Particle-Effect-Bleach-Black-Loop.mp4" type="video/mp4">
        </video>
    </div>

```

```
<video width="50%" height="50%" controls>
  <source src="Particle-Effect-Bleach-Black-Loop.mp4" type="video/mp4">
</video>
<video width="50%" height="30%" controls>
  <source src="Particle-Effect-Bleach-Black-Loop.mp4" type="video/mp4">
</video>
</div>

</body>
</html>
```

OUTPUT:



EXPERIMENT - 15

AIM:

15.Create a web page which should generate following output:

FRAME-1	FRAME-2
	FRAME-3

CODE:

HTML:

main.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Divided Frames</title>
</head>
<frameset cols="50%, 50%">
  <!-- Frame 1: left -->
  <frame src="top_frame.html" name="frame1" scrolling="auto" noresize>

  <frameset rows="50%, 50%">
    <!-- Frame 2: Right Top Quarter -->
    <frame src="right_top_frame.html" name="frame2" scrolling="auto" noresize>

    <!-- Frame 3: Right Bottom Quarter -->
    <frame src="right_bottom_frame.html" name="frame3" scrolling="auto" noresize>
  </frameset>
</frameset>
</html>
```

Top_frame.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Top Frame Content</title>
</head>
<body>
  <h1>This is the left frame content</h1>
</body>
</html>
```

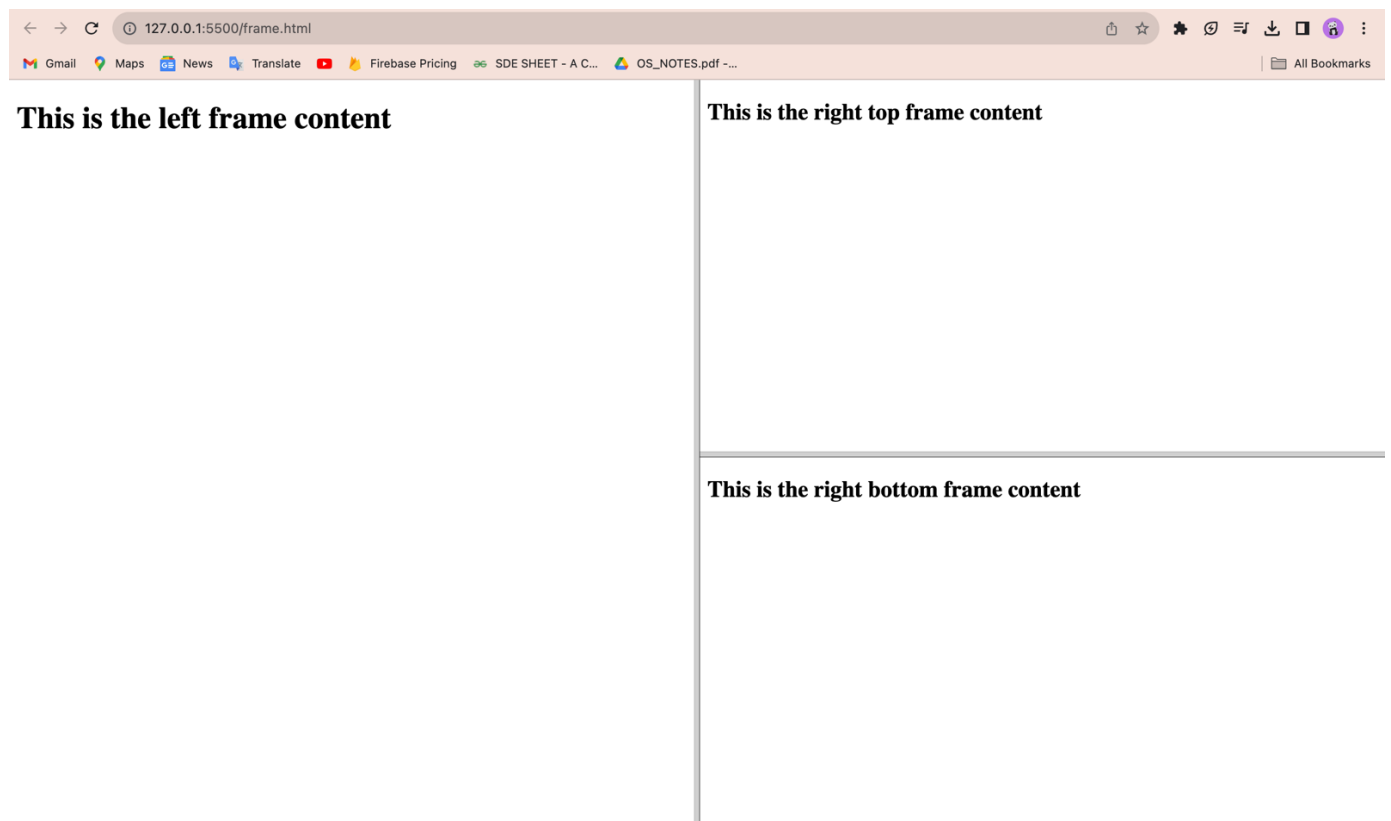
right_top_frame.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Right Top Frame Content</title>
</head>
<body>
  <h2>This is the right top frame content</h2>
</body>
</html>
```

right_bottom_frame.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Right Bottom Frame Content</title>
</head>
<body>
  <h2>This is the right bottom frame content</h2>
</body>
</html>
```

OUTPUT:



EXPERIMENT - 16

AIM:

Create a web page using Embedded CSS and multimedia Procedure

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Embedded CSS and Multimedia</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 20px;
      text-align: center;
    }

    h1 {
      color: #008080; /* Dark teal color */
    }

    p {
      color: #333;
      font-size: 18px;
    }

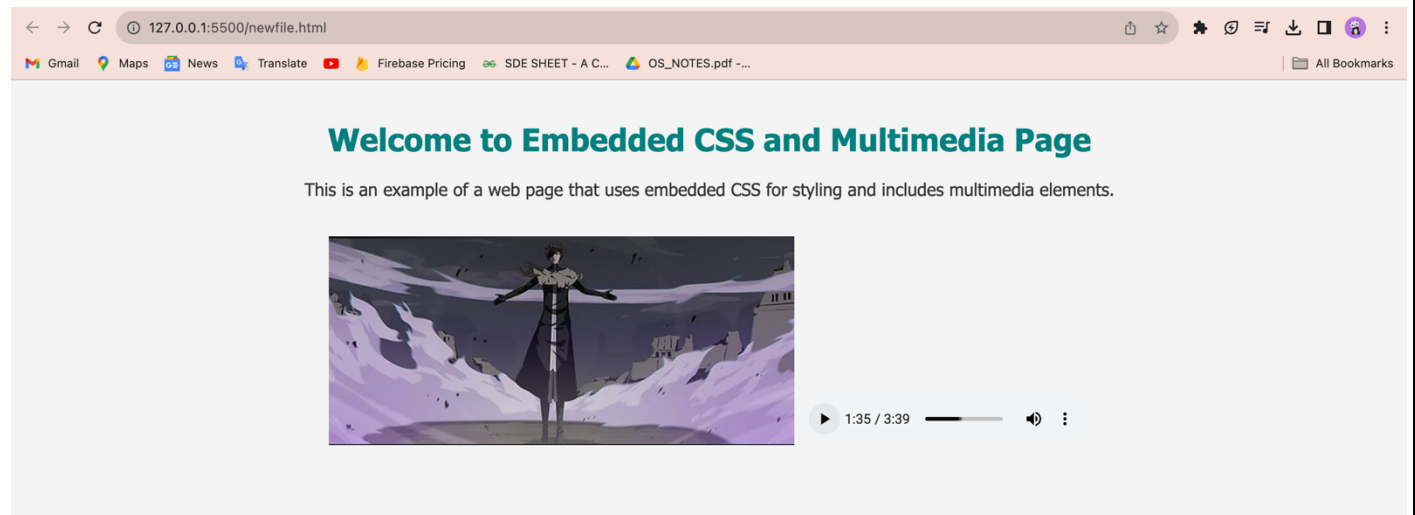
    img {
      max-width: 100%;
      height: auto;
      margin-top: 20px;
    }

    audio {
      margin-top: 20px;
    }
  </style>
</head>
<body>
  <h1>Welcome to Embedded CSS and Multimedia Page</h1>
  <p>This is an example of a web page that uses embedded CSS for styling and includes
multimedia elements.</p>
  

  <audio controls>
    <source src="_clavar_la_espada_(mp3.pm).mp3" type="audio/mp3">
```

```
    Your browser does not support the audio element.  
  </audio>  
</body>  
</html>
```

OUTPUT:



EXPERIMENT - 17

AIM:

Use tables to provide layout to your HTML page describing your college infrastructure.

CODE:

HTML:

```
<html>
<head>
  <title>DTU COLLEGE INFRASTRUCTURE</title>
</head>
<body>
  <table width="100%" border="0">
    <tr>
      <td colspan="3" bgcolor="grey">
        <center>
          <h1>DTU COLLEGE INFRASTRUCTURE
        </center>
      </td>
    </tr>
    <tr valign="top">
      <td colspan="2" bgcolor="linen" width="50%">
        <b>ELECTRICAL DEPARTMENT</b><br><br>
        1.ELECTRONICS COMMUNICATION AND ENGINEERING<br>
        2.ELECTRICAL ENGINEERING <br>
      </td>
      <td colspan="2" bgcolor="lightblue" width="50%" height="300">
        <b>CSE DEPARTMENT</b><BR><BR>
        1.COMPUTER SCIENCE ENGINEERING<br>
        2.SOFTWARE ENGINEERING<BR>
        3.INFORMATION TECHNOLOGY
      </td>
    </tr>
    <tr>
      <td colspan="4" bgcolor="#b5d3">
        <center>
          HOSTELS
        </center>
      </td>
    </tr>
    <tr valign="top">
      <td bgcolor="linen" width="33%">
        <h1>BCH HOSTEL</h1>
      </td>
      <td bgcolor="lightblue" width="33%" height="200">
        <H1>APJ HOSTEL</H1>
      </td>
      <td bgcolor="lightblue" width="33%" height="200">
        <H1>JCB HOSTEL</H1>
      </td>
    </tr>
  </table>
```

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

OUTPUT:

<div>← → ↺ 127.0.0.1:5500/newfile.html</div> <div><div> Gmail</div><div> Maps</div><div> News</div><div> Translate</div><div> YouTube</div><div> Firebase Pricing</div><div> SDE SHEET - A C...</div><div> OS_NOTES.pdf - ...</div></div> <div><div> Share</div><div> Star</div><div> Extensions</div><div> Refresh</div><div> Download</div><div> Mobile view</div><div> User profile</div><div> Menu</div></div> <div>All Bookmarks</div>		
<div>DTU COLLEGE INFASTRUCTURE</div>		
<div>ELECTRICAL DEPARTMENT</div> <div>1.ELECTRONICS COMMUNICATION AND ENGINEERING</div> <div>2.ELECRICAL ENGINEERING</div>	<div>CSE DEPARTMENT</div> <div>1.COMPUTER SCIENCE ENGINEERING</div> <div>2.SOFTWARE ENGINEERING</div> <div>3.INFORMATION TECHNOLOGY</div>	
<div>HOSTELS</div>		
<div>BCH HOSTEL</div>	<div>APJ HOSTEL</div>	<div>JCB HOSTEL</div>

EXPERIMENT - 18

AIM:

Use and <div> tags to provide a layout to the above page instead of a table layout.

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>DTU COLLEGE INFRASTRUCTURE</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 20px;
    }

    h1 {
      color: #008080; /* Dark teal color */
      text-align: center;
      margin-bottom: 0;
    }

    .header {
      background-color: grey;
      padding: 10px;
    }

    .department {
      width: 50%;
      padding: 20px;
      box-sizing: border-box;
    }

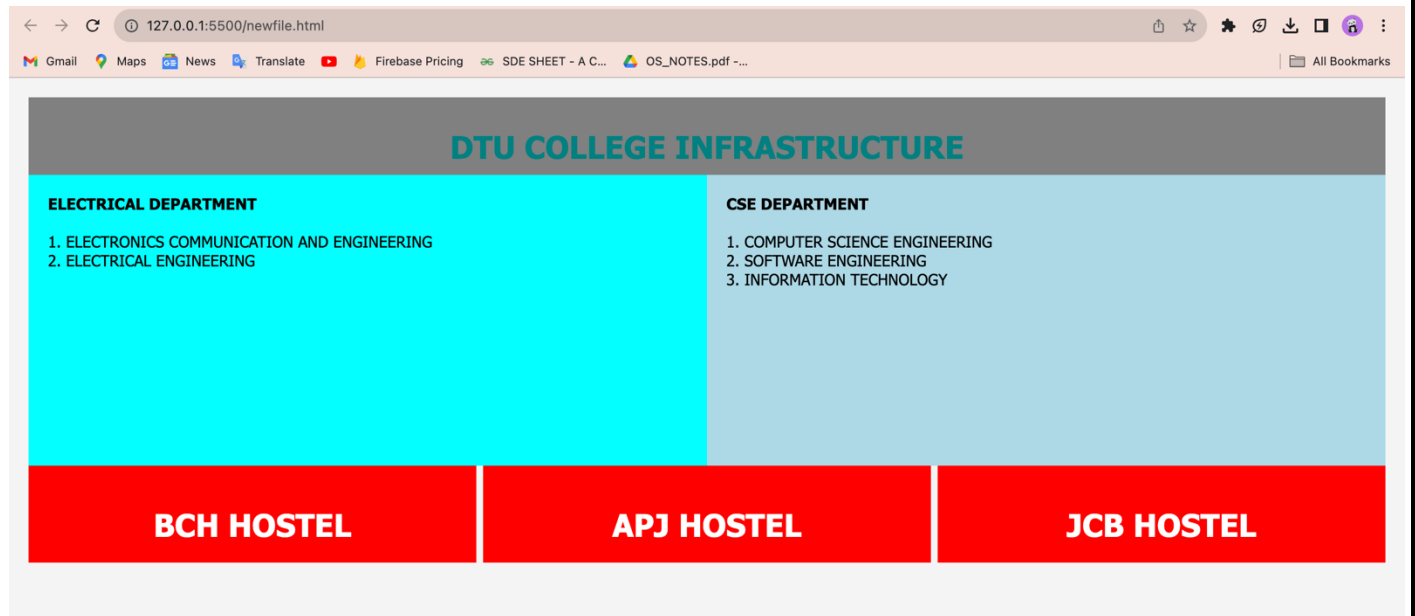
    .hostel {
      width: 33%;
      padding: 20px;
      box-sizing: border-box;
    }

    .hostel h1 {
      color: white;
    }

    .hostel:nth-child(1) {
      background-color: red;
    }

    .hostel:nth-child(2) {
```


OUTPUT:



EXPERIMENT - 19

AIM:

Use frames such that page is divided into 3 frames 20% on left to show contents of pages 60% in center to show body of page, remaining on right to show remarks.

CODE:

HTML:

Main.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Three Frames Page</title>
</head>
<frameset cols="20%, 60%, *">
  <!-- Frame 1: Left Frame -->
  <frame src="left_frame.html" name="leftFrame" scrolling="auto" noresize>

  <!-- Frame 2: Center Frame -->
  <frame src="center_frame.html" name="centerFrame" scrolling="auto" noresize>

  <!-- Frame 3: Right Frame -->
  <frame src="right_frame.html" name="rightFrame" scrolling="auto" noresize>
</frameset>
</html>
```

left_frame.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Left Frame</title>
</head>
<body>
  <h1>Contents</h1>
  <p>This is the contents of the page.</p>
  <ul>
    <li>Chapter-1</li>
    <li>Chapter-2</li>
    <li>Chapter-3</li>
    <li>Chapter-4</li>
    <li>Chapter-5</li>
    <li>Chapter-6</li>
    <li>Chapter-7</li>
    <li>Chapter-8</li>
    <li>Chapter-9</li>
  </ul>
</body>
</html>
```

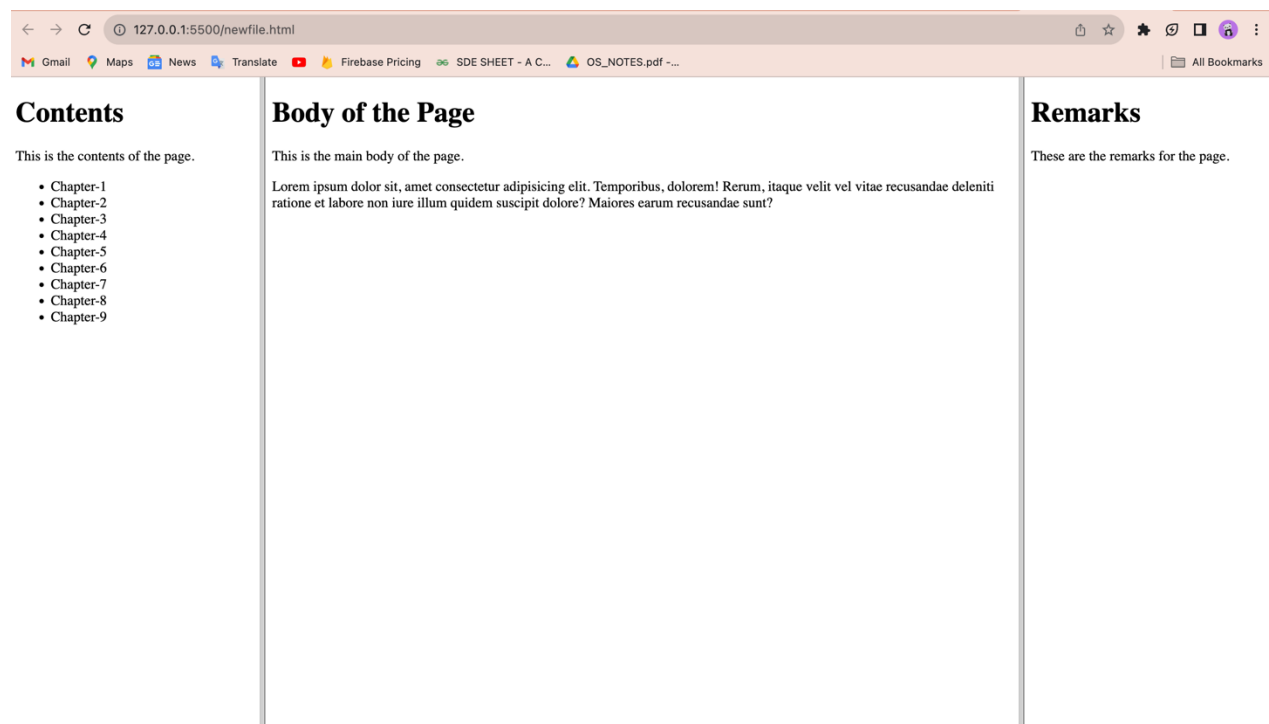
right_frame.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Right Frame</title>
</head>
<body>
  <h1>Remarks</h1>
  <p>These are the remarks for the page.</p>
</body>
</html>
```

centre_frame.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Center Frame</title>
</head>
<body>
  <h1>Body of the Page</h1>
  <p>This is the main body of the page.</p>
  <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Temporibus, dolorem! Rerum, itaque velit vel vitae recusandae deleniti ratione et labore non iure illum quidem suscipit dolore? Maiores earum recusandae sunt?</p>
</body>
</html>
```

OUTPUT :



EXPERIMENT - 20

AIM:

Embed Audio and Video into your HTML web page.

CODE:

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Audio and Video Embedding</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 20px;
      text-align: center;
    }

    h1, h2 {
      color: #008080;
    }

    audio, video {
      width: 100%;
      max-width: 600px;
      margin: 20px 0;
    }
  </style>
</head>
<body>
  <h1>Embedding Audio and Video</h1>

  <!-- Audio Example -->
  <h2>Audio Example</h2>
  <audio controls>
    <source src="/_clavar_la_espada_(mp3.pm).mp3" type="audio/mp3">
    Your browser does not support the audio element.
  </audio>

  <!-- Video Example -->
  <h2>Video Example</h2>
  <video width="640" height="360" controls poster="/images.jpeg">
    <source src="/Particle-Effect-Bleach-Black-Loop.mp4" type="video/mp4">
    Your browser does not support the video element.
  </video>
</body>
</html>
```


OUTPUT:

