

## **HTML LAB MANUAL**



**Prepared by:**

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Batch: 2023-27

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**



**INSTITUTE OF TECHNOLOGY AND MANAGEMENT  
SKILLS UNIVERSITY,  
KHARGHAR, NAVI MUMBAI**

**CERTIFICATE**

This is to certify that Mr. / Ms. Arpita Jadhav

Roll No. 150096723033 of Second Semester of B.Tech Computer Science & Engineering of ITM Skills University, Kharghar, Navi Mumbai , has completed the term work satisfactorily in subject HTML5 for the academic year 2024 - 2025 as prescribed in the curriculum.

Place: Mumbai

Date: 24-03-2024

**Subject I/C**

**HOD**

# INDEX

Exp. No	List of Experiment	Date of Submission	Sign
1	Design a page having suitable background colour and text colour with title “My First Web Page” using all the attributes of the Font tag.		
2	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.		
3	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.		
4	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.		
5	Create a HTML document containing a nested list showing a content page of any book.		
6	Create a web page, showing an unordered list of names of all he PG Diploma Programmes (Branches) in your institution.		

7	<p>Create the following table in HTML with following Data for your batch:</p> <table border="1" data-bbox="277 408 1153 810"> <thead> <tr> <th data-bbox="277 408 493 543">Reg. Number</th><th data-bbox="493 408 709 543">Student Name</th><th data-bbox="709 408 925 543">Year/ Semester</th><th data-bbox="925 408 1153 543">Date of Admission</th></tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </tbody> </table>	Reg. Number	Student Name	Year/ Semester	Date of Admission																		
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	<p>8. 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.</p>																						
	<table border="1" data-bbox="277 860 1153 1145"> <thead> <tr> <th data-bbox="277 860 709 911">FRAME-1</th><th data-bbox="709 860 1153 911">FRAME-2</th></tr> </thead> <tbody> <tr><td></td><td></td></tr> </tbody> </table>	FRAME-1	FRAME-2																				
FRAME-1	FRAME-2																						
	<p>1. 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</p>																						
	<p>Create an HTML page that contains a selection box with a list of 5 countries, when the user selects a country, its capital should be printed next to the list; Add CSS to customize the properties of the font of the capital (color, bold and font size).</p>																						

**Name of Student: Arpita Jadhav**

**Roll Number: 28**

**Experiment No: 01**

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**Title:**

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

**Theory:**

This HTML snippet showcases fundamental webpage structure, incorporating essential elements such as `<html>`, `<head>`, `<title>`, `<body>`, `<h1>`, and `<p>`. Inline styles are employed via the `style` attribute to define properties such as `font-family`, `color`, `font-size`, `font-weight`, and `margin`.

**Code:**

```
<!DOCTYPE html>
<html>
<head>
    <title>First Web Page</title>
</head>

<body style="background-color: #333;">

    <h1 style="font-family: 'Helvetica Neue', sans-serif; color: #88c999; font-size: 2.5em; font-weight: bold; text-align: center;">
        My First Web Page
    </h1>

    <p style="font-family: 'Times New Roman', serif; font-size: 1.2em; color: #f0e68c; margin: 0 15%; text-align: justify;">
        Hello! This is my first time making a webpage. I started learning how to use HTML and CSS to make this. I wanted to make the page look nice, so I picked these colors and a style that I like. Making this page taught me a lot and was really fun. I hope you like it as much as I do!
    </p>

</body>
</html>
```

**Output: (screenshot)**

# My First Web Page

Hello! This is my first time making a webpage. I started learning how to use HTML and CSS to make this. I wanted to make the page look nice, so I picked these colors and a style that I like. Making this page taught me a lot and was really fun. I hope you like it as much as I do!

## Conclusion:

This code showcases how to create a simple webpage with styled text and background using HTML and inline CSS.

---

**Name of Student:** Arpita Jadhav

**Roll Number:** 28

**Experiment No:** 02

**Title:**

2. 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.

**Theory:**

This HTML code serves as a foundational example of structuring a webpage to present personal details. By incorporating essential elements such as `<html>`, `<head>`, `<title>`, `<body>`, `<h1>`, and `<p>`, it establishes a basic structure for content presentation. Inline CSS is utilized for text alignment (`text-align`) and indentation (`text-indent`), contributing to enhanced readability and visual appeal.

**Code:**

```
<!DOCTYPE html>
<html>
<head>
    <title>My Details</title>
    <style>
        body {
            background-color: #e0f7fa;
        }
        p {
            font-family: 'Calibri', sans-serif;
            margin-left: 20px;
        }
    </style>
</head>
<body>
    <h1 style="text-align: center;">My Details</h1>
    <p style="text-align: left;">Name :- Arpita Jadhav</p>
    <p style="text-align: left;">Age: 18</p>
    <p style="text-align: left;">Address:</p>
    <p style="text-indent: 2em;">Nehru Nagar , Kurla (E) , Mumbai-400024</p>
    <p style="text-indent: 2em;">Maharashtra, India</p>
    <p style="text-align: left;">Phone: 9136738305</p>
    <p style="text-align: left;">Register Number:00000</p>
    <p style="text-align: left;">Class: First Year B.Tech CSE </p>
</body>
</html>
```

**Output: (screenshot)**

## My Details

Name :- Arpita Jadhav  
Age: 18  
Address:  
Nehru Nagar , Kuria (E), Mumbai-400024  
Maharashtra, India  
Phone: 9136738305  
Register Number:00000  
Class: First Year B.Tech CSE

## Conclusion:

Through its straightforward structure and utilization of essential HTML elements, this code offers a clear example of how to present personal details on a webpage. By incorporating inline CSS for text alignment and indentation, it demonstrates a practical approach to improving readability and visual coherence, making it a valuable resource for beginners learning HTML webpage structuring.

**Name of Student:** Arpita Jadhav

**Roll Number:** 28

**Experiment No:** 03

---

**Title:**

3. 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.

**Theory:**

This HTML code exemplifies the integration of an image into a webpage using the `<img>` tag, complemented by inline CSS to adjust its width for optimal display. Furthermore, a hyperlink is created around the image using the `<a>` tag, directing users to a specified URL. By employing these elements, the code provides a clear demonstration of incorporating images with hyperlinks in HTML webpages, showcasing fundamental techniques for enhancing webpage interactivity and engagement.

**Code:**

```
<!DOCTYPE html>
<html>
  <head>
    <title>Image to another web page </title>
    <style>
      img {
        width: 50%;
      }
    </style>
  </head>
```

```
<body>
  <a href="https://www.nutella.com/int/en/" target="_blank">
    
  </a>
  <p>Chocolate Nutella offers a blissful escape into a world where creamy hazelnut spread meets the rich, indulgent warmth of chocolate, creating a symphony of flavors in every spoonful.</p>
</body>

</html>
```

## Output: (screenshot)



Chocolate Nutella offers a blissful escape into a world where creamy hazelnut spread meets the rich, indulgent warmth of chocolate, creating a symphony of flavors in every spoonful.

The screenshot shows the official Nutella website homepage. At the top, there is a red navigation bar with the Nutella logo (a jar icon and the word "nutella" in lowercase). The navigation links include "Inside Nutella®", "Get inspired", "Discover the news", and "Products". Below the navigation bar, the main headline reads "GOOD MORNING" in red, followed by "Start the day with Nutella®" in large black text. A "Discover More" button is located below this headline. The central image features a jar of Nutella on a kitchen counter with a slice of bread and a cup of coffee in the background. At the bottom of the page, there is a banner with the text "Discover The News" and "With Nutella® there's always something new to celebrate. We're ready to begin, and you?". The banner also includes links for "Get inspired", "Discover The News", and "Inside Nutella®".

## Conclusion:

By showcasing the integration of an image with a hyperlink in an HTML webpage, this code exemplifies the fundamental usage of image tags and inline CSS for layout adjustment. Through its demonstration of these basic techniques, the code provides a foundational understanding of how to incorporate images effectively within web content, offering users an enhanced browsing experience with interactive visual elements. -->

**Name of Student:** Arpita Jadhav

**Roll Number:** 28

**Experiment No:** 04

---

### Title:

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.

### Theory:

This HTML code exemplifies the implementation of internal links within a webpage through the use of anchor tags (<a>). Each link is assigned an href attribute containing the ID of the target section, enabling seamless navigation within the same page. By employing this technique, users can easily access different sections of content without reloading the page, enhancing overall user experience and facilitating efficient information retrieval.

### Code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Internal Links Example</title>
  </head>
  <body>
    <h1 align="center"><u>FLOWERS</u></h1>
    
    <hr>
    <ul>
      <li><a href="#section1">ROSE</a></li>
      <li><a href="#section2">SUNFLOWER</a></li>
      <li><a href="#section3">TULIP</a></li>
      <li><a href="#section4">LAVENDER</a></li>
```

```

<li><a href="#section5">LOTUS</a></li>
<li><a href="#section6">BORAGE</a></li>
<li><a href="#section7">ORCHID</a></li>
<li><a href="#section8">CHAMOMILE</a></li>

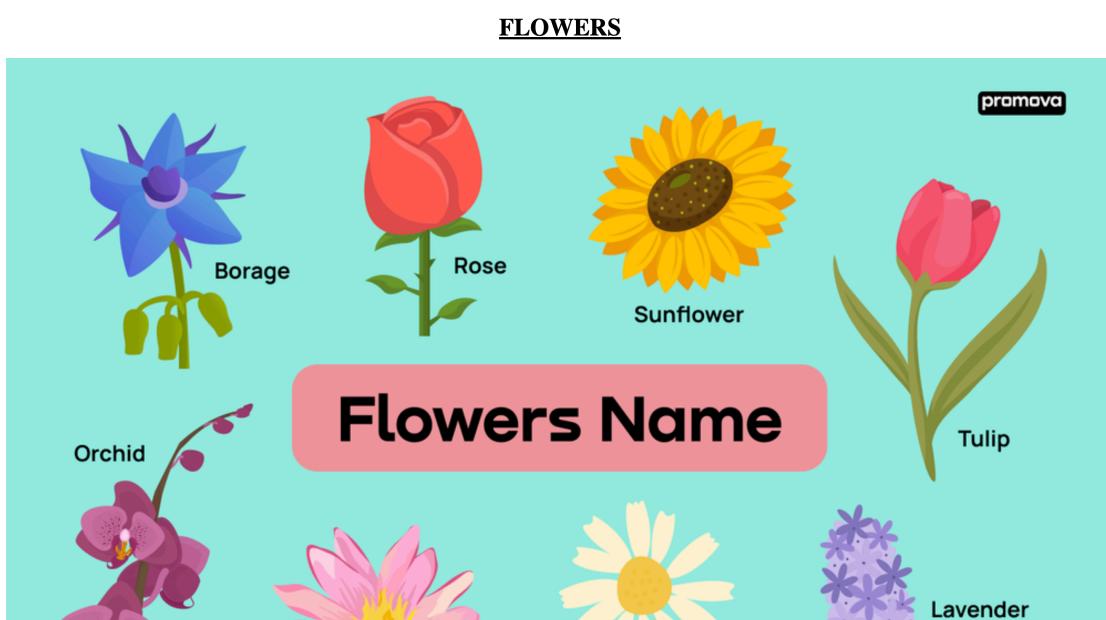
</ul>

<h2 id="section1"><u>Roses</u></h2>
<u>Sunflowers</u></h2>
<u>Tulips</u></h2>
<u>Lavender</u></h2>
<u>Lotus</u></h2>
<u>Borage</u></h2>
<u>Orchid</u></h2>
<u>Chamomile</u></h2>

</html>

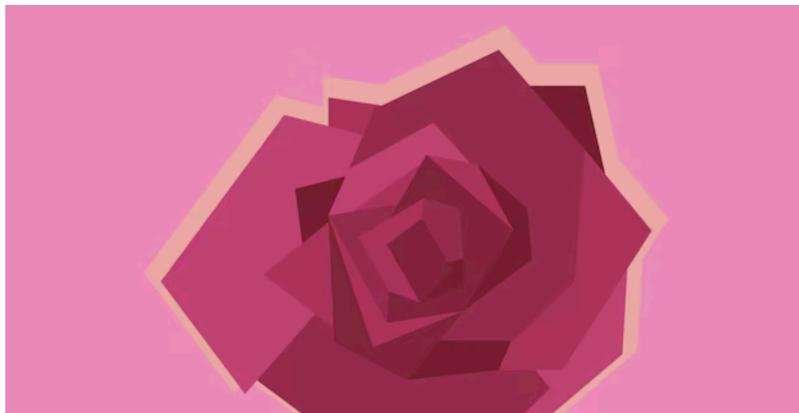
```

### Output: (screenshot)



- ROSE
- SUNFLOWER
- TULIP
- LAVENDER
- LOTUS
- BORAGE
- ORCHID
- CHAMOMILE

#### Roses



#### **Conclusion:**

Through the incorporation of internal links, this webpage significantly enhances user experience by facilitating easy navigation to different sections of content within the same page. By eliminating the need for users to reload the page when accessing different sections, internal links contribute to improved accessibility and readability, resulting in a more seamless and enjoyable browsing experience.

**Name of Student: Arpita Jadhav**

**Roll Number: 28**

**Experiment No: 05**

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#### **Title:**

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

#### **Theory:**

This HTML code meticulously constructs a table of contents for a content page titled "ikigai" by organizing various topics into parts and subsections using nested lists (`<ul>` and `<li>`). Each list item represents a section or sub-section along with a brief description. Through this structured approach, readers can easily navigate and comprehend the content, allowing them to quickly locate and access specific topics of interest within the document.

#### **Code:**

```
<!DOCTYPE html>
```

```
<html>
<head>
    <title>Content Page: Ikigai</title>
    <style>
        body {
            background-color: #87ebec;
        }
    </style>
</head>
<body>
    <h1>TABLE OF CONTENTS</h1>
    
    <ul>
        <li>PROLOGUE: The Island of Longevity</li>
        <br>
        <li>Part 1: WHAT IS IKIGAI?
            <ul>
                <li>1.1 Ikigai: The Art of Staying Young While Growing
Old</li>
                    <li>1.2 The Ten Rules of Ikigai</li>
            </ul>
        </li>
        <br>
        <li>Part 2: APPLYING IKIGAI
            <ul>
                <li>2.1 Finding Flow in Everything You Do</li>
                <li>2.2 How to Make the Most of Your Time</li>
                <li>2.3 Moving Toward Happiness</li>
            </ul>
        </li>
        <br>
        <li>Part 3: THE IKIGAI DIET
            <ul>
                <li>3.1 Foods That Bring Longevity</li>
                <li>3.2 The Benefits of Green Tea</li>
                <li>3.3 Eating Mindfully</li>
            </ul>
        </li>
        <br>
        <li>Part 4: THE IKIGAI WORKOUT
            <ul>
                <li>4.1 Gentle Movements, Great Health</li>
                <li>4.2 Exercises for a Long Life</li>
            </ul>
        </li>
        <br>
        <li>EPILOGUE: Your Ikigai</li>
        <br>
        <li>ACKNOWLEDGEMENTS</li>
    </ul>
</body>
</html>
```

```

<br>
<li>A NOTE ON THE AUTHORS: The authors of "Ikigai: The Japanese Secret to a Long and Happy Life" are Héctor García and Francesc Miralles. They explore the concept of ikigai, a Japanese philosophy about finding purpose and joy in life, in their book. García is a Spanish author and Miralles is a Spanish novelist and author of self-help books.</li>
</ul>
</body>
</html>

```

## Output: (screenshot)

TABLE OF CONTENTS	
	<b>IKIGAI</b> The Japanese Secret to a Long and Happy Life Héctor García and Francesc Miralles
<ul style="list-style-type: none"> <li>• PROLOGUE: The Island of Longevity</li> <li>• Part 1: WHO IS IKIGAI?             <ul style="list-style-type: none"> <li>◦ 1.1 Ikigai: The Art of Staying Young While Growing Old</li> <li>◦ 1.2 The Ten Rules of Ikigai</li> </ul> </li> <li>• Part 2: APPLYING IKIGAI to Everything You Do             <ul style="list-style-type: none"> <li>◦ 2.1 Ikigai Mindset</li> <li>◦ 2.2 Ikigai Means Most of Your Time</li> <li>◦ 2.3 Moving Toward Happiness</li> </ul> </li> <li>• Part 3: THE IKIGAI DIET             <ul style="list-style-type: none"> <li>◦ 3.1 Foods That Bring Longevity</li> <li>◦ 3.2 Ikigai Smoothie</li> <li>◦ 3.3 Eating Mindfully</li> </ul> </li> <li>• Part 4: THE IKIGAI WORKOUT             <ul style="list-style-type: none"> <li>◦ 4.1 Gentle Movements, Great Health</li> <li>◦ 4.2 Exercises for a Long Life</li> </ul> </li> <li>• EPILOGUE: Your Ikigai</li> </ul>	



## Conclusion:

Through the meticulous structuring of content into a hierarchical table of contents, this webpage enhances user experience by enabling easy navigation and comprehension for readers. By providing a clear roadmap of the document's contents, readers can quickly locate and access specific topics of interest within the book "ikigai," fostering efficient information retrieval and facilitating a more engaging reading experience.

Name of Student: Arpita Jadhav

Roll Number: 28

Experiment No: 06

---

## Title:

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

## Theory:

This HTML code efficiently structures information about various PG Diploma programmes by utilizing HTML elements such as headings (`<h2>` and `<h3>`) and an unordered list (`<ul>`). Through this structured approach, the webpage enhances readability and accessibility for users seeking program details,

providing a clear and organized presentation of information that aids in better comprehension.

**Code:**

```
<!DOCTYPE html>
<html>
  <head>
    <title>PG Diploma Programmes</title>
  </head>
  <body>
    <h2>ITM SKILLS UNIVERSITY</h2>
    <h3>These are some PG programmes available</h3>
    <h4>Branches:</h4>
    <ul>
      <li>PG Diploma in Marketing</li>
      <li>PG Diploma in Banking & Finance</li>
      <li>PG Diploma in Human Resources</li>
      <li>PG Diploma in Computer Engineering</li>
      <li>PG Diploma in Mechanical Engineering</li>
      <li>PG Diploma in Civil Engineering</li>
      <li>PG Diploma in Chemical Engineering</li>
      <li>PG Diploma in Pharmacy</li>
      <li>PG Diploma in Law</li>
      <li>PG Diploma in Mass Media Communication</li>
    </ul>
  </body>
</html>
```

**Output: (screenshot)**



## **Conclusion:**

Through its succinct presentation of the array of Post Graduate Diploma programmes offered by ITM SKILLS UNIVERSITY, this webpage significantly aids prospective students in their academic choices. By showcasing program details in a straightforward list format, the webpage provides a clear overview of available options, empowering students to make informed decisions about their educational pursuits.

**Name of Student:** Arpita Jadhav

**Roll Number:** 28

**Experiment No:** 07

---

### **Title:**

7. Create the following table in HTML with following Data for your batch:

Reg. No	Student Name	Year/Semester	Date Of Admission

### **Theory:**

This HTML code adeptly utilizes HTML's `<table>` element to organize student data into rows and columns, with inline CSS employed to style headers (`<th>`) and table cells (`<td>`). By leveraging this approach, the code achieves a visually appealing and easy-to-read format for presenting student information, enhancing readability and accessibility for users accessing administrative data.

### **Code:**

```
<!DOCTYPE html>
<html>
<head>
    <title>Student Information Table</title>
    <hr>
```

```

<style>
    body {
        font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    }
    table {
        width: 100%;
        border-collapse: collapse;
    }
    th, td {
        padding: 8px;
        text-align: left;
    }
    th {
        background-color: #f2f2f2;
    }
    tr:nth-child(even) {
        background-color: #f9f9f9;
    }
    tr:nth-child(odd) {
        background-color: #f2f2f2;
    }
</style>
</head>
<body>
    <h2>Student Information</h2>
    <hr>
    <table border="1">
        <tr>
            <th>Reg. Number</th>
            <th>Student Name</th>
            <th>Year/Semester</th>
            <th>Date of Admission</th>
        </tr>
        <tr>
            <td style="background-color: #ffffe0;">001</td>
            <td style="background-color: #ffffe0;">Sakshi Kore</td>
            <td style="background-color: #ffffe0;">Year 1/Semester 1</td>
            <td style="background-color: #ffffe0;">28-07-2023</td>
        </tr>
        <tr>
            <td style="background-color: #ffffe0;">002</td>
            <td style="background-color: #ffffe0;">Arpita Jadhav</td>
            <td style="background-color: #ffffe0;">Year 1/Semester 1</td>
            <td style="background-color: #ffffe0;">05-07-2023</td>
        </tr>
        <tr>
            <td style="background-color: #ffffe0;">003</td>
            <td style="background-color: #ffffe0;">Yashika Thakur</td>
            <td style="background-color: #ffffe0;">Year 1/Semester 1</td>
            <td style="background-color: #ffffe0;">17-07-2023</td>
        </tr>
    </table>
</body>

```

```

</tr>
<tr>
    <td style="background-color: #ffffe0;">004</td>
    <td style="background-color: #ffffe0;">Bhagyashree Bhagat</td>
    <td style="background-color: #ffffe0;">Year 1/Semester 1</td>
    <td style="background-color: #ffffe0;">10-06-2023</td>
</tr>
<tr>
    <td style="background-color: #ffffe0;">005</td>
    <td style="background-color: #ffffe0;">Riya Singh</td>
    <td style="background-color: #ffffe0;">Year 1/Semester 1</td>
    <td style="background-color: #ffffe0;">22-06-2023</td>
</tr>
</table>
</body>
</html>

```

## Output: (screenshot)

**Student Information**

Reg. Number	Student Name	Year/Semester	Date of Admission
001	Sakshi Kore	Year 1/Semester 1	28-07-2023
002	Arpita Jodhav	Year 1/Semester 1	05-07-2023
003	Yashika Thakur	Year 1/Semester 1	17-07-2023
004	Bhagyashree Bhagat	Year 1/Semester 1	10-06-2023
005	Riya Singh	Year 1/Semester 1	22-06-2023

## Conclusion:

Through the generation of a structured table displaying student information, including registration numbers, names, academic years/semesters, and dates of admission, this HTML code significantly enhances data organization and readability for administrative purposes. By presenting information in a clear and visually appealing format, the code facilitates efficient access and interpretation of student data, streamlining administrative tasks and promoting effective decision-making.

**Name of Student: Arpita Jadhav**

**Roll Number: 28**

**Experiment No: 08**

---

**Title:**

8. 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.

**Theory:**

This HTML code effectively divides the webpage horizontally using the `<frameset>` element with the `cols` attribute. It embeds two frames, `frame1` and `frame2`, each with distinct sources (`audio.html` and `video.html`). By employing this approach, the code enables simultaneous playback of audio and video content within a single webpage, enhancing the user experience with multimedia presentations.

**Code:**

**Code.html:**

```
<!DOCTYPE html>
<html>
<head>
    <title>Audio and Video in Frames</title>
</head>
<frameset cols="50%, 50%">
    <frame src="audio.html" name="frame1">
    <frame src="vdo.html" name="frame2">
</frameset>
</html>
```

**Audio.html:**

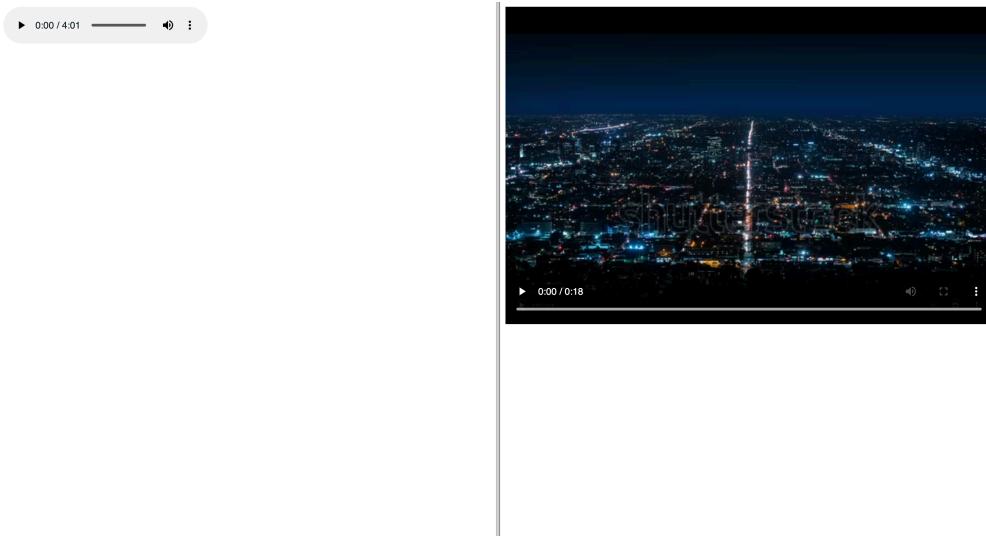
```
<!DOCTYPE html>
<html>
<head>
    <title>Audio Clip</title>
</head>
<body>
    <audio controls>
        <source src="audioforhtml.mp3" type="audio/mpeg">
    </audio>
</body>
</html>
```

**Video.html:**

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

```
<head>
    <title>Video Clip</title>
</head>
<body>
    <video controls width="100%">
        <source src="htmlvdo.mov" type="video/mp4">
    </video>
</body>
</html>
```

## Output: (screenshot)



## Conclusion:

Through the establishment of a frameset with two frames, each loading separate HTML documents (audio.html and video.html), this HTML code enables the display of audio and video content side by side within a single webpage. By leveraging this setup, the code facilitates efficient multimedia presentation, enhancing the user experience with simultaneous playback of audio and video content.

**Name of Student: Arpita Jadhav**

**Roll Number: 28**

**Experiment No: 09**

---

**Title:**

9. 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.

**Theory:**

This HTML code effectively partitions the webpage horizontally using the `<frameset>` element with the `cols` attribute. It embeds separate `<frame>` elements with distinct source documents, creating a framed layout. By employing this approach, the code facilitates the simultaneous presentation of multiple webpages within a single browser window, enhancing content organization and navigation for users.

**Code:**

**Code.html:**

```
<!DOCTYPE html>
<html>
  <head>
    <title>Framed Page</title>
  </head>
  <frameset cols="20%,60%,20%">
    <frame src="frame1.html" name="frame1">
    <frame src="frame2.html" name="frame2">
    <frame src="frame3.html" name="frame3">
  </frameset>
</html>
```

**Frame1.html:**

```
<!DOCTYPE html>
<html>
  <head>
    <title>Contents: Trek Destinations</title>
  </head>
  <body>
    <h2>Trek Destinations</h2>
    <ul>
      <li><a href="#" target="body">Himalayan Trails</a></li>
      <li><a href="#" target="body">Appalachian Adventure</a></li>
      <li><a href="#" target="body">Inca Trail Expedition</a></li>
      <li><a href="#" target="body">Nepal's Annapurna Circuit</a></li>
```

```
<li><a href="#" target="body">Kilimanjaro Climb</a></li>
<li><a href="#" target="body">Rocky Mountain Hike</a></li>
<li><a href="#" target="body">Pacific Crest Trail</a></li>
<li><a href="#" target="body">Great Wall Trek</a></li>
<li><a href="#" target="body">Camino de Santiago Pilgrimage</a></li>
<li><a href="#" target="body">Australian Outback Trek</a></li>
</ul>
</body>
</html>
```

Frame2.html:

```
<!DOCTYPE html>
<html>
<head>
    <title>Body: Trekking</title>
    <style>
        body {
            background-color: #f0f0f0; /* Light gray background color */
        }
    </style>
</head>
<body>
    <h2>Trekking</h2>
    <p>Trekking, a journey through rugged terrains and breathtaking landscapes, offers an escape from the hustle and bustle of everyday life. With each step, the trail unveils new vistas, from snow-capped peaks to lush valleys teeming with life. The rhythm of footsteps merges with the sounds of nature – the rustle of leaves, the chirping of birds, and the rush of mountain streams. As the sun kisses the horizon, painting the sky with hues of orange and pink, trekkers find solace in the simplicity of the wilderness. Every ascent is a triumph, every descent a lesson in resilience. In the heart of nature, amidst towering trees and ancient rocks, one discovers not only the beauty of the outdoors but also the strength within.</p>
</body>
</html>
```

Frame3.html:

```
<!DOCTYPE html>
<html>
<head>
    <title>Remarks</title>
</head>
<body style="background-color: #f0f0f0;">
    <h2>Remarks</h2>
    <p style="background-color: #ffffff;">Trekking is a harmonious blend of adventure and tranquility, a journey that takes us beyond the confines of civilization into the heart of nature's grandeur. With each step, we immerse ourselves in the rhythm of the trail, finding solace in the
```

whispering breeze and inspiration in the majestic landscapes. Trekking offers not only physical challenge but also spiritual renewal, as we discover our place in the vast tapestry of the natural world. So, lace up your boots, breathe in the mountain air, and let the wilderness guide you on an unforgettable odyssey.</p>

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

## Output: (screenshot)

Trek Destinations	Trekking	Remarks
<ul style="list-style-type: none"><li>• Himalayan Trails</li><li>• Appalachian Adventure</li><li>• Inca Trail Expedition</li><li>• Nepal's Annapurna Circuit</li><li>• Kilimanjaro Climb</li><li>• Rocky Mountain Hike</li><li>• Pacific Crest Trail</li><li>• Great Wall Trek</li><li>• Camino de Santiago Pilgrimage</li><li>• Australian Outback Trek</li></ul>	<p><b>Trekking</b></p> <p>Trekking, a journey through rugged terrains and breathtaking landscapes, offers an escape from the hustle and bustle of everyday life. With each step, the trail unveils new vistas, from snow-capped peaks to lush valleys teeming with life. The rhythm of footsteps merges with the sounds of nature — the rustle of leaves, the chirping of birds, and the rush of mountain streams. As the sun kisses the horizon, painting the sky with hues of orange and pink, trekkers find solace in the simplicity of the wilderness. Every ascent is a triumph, every descent a lesson in resilience. In the heart of nature, amidst towering trees and ancient rocks, one discovers not only the beauty of the outdoors but also the strength within.</p>	<p>Trekking is a harmonious blend of adventure and tranquility, a journey that takes us beyond the confines of civilization into the heart of nature's grandeur. With each step, we immerse ourselves in the rhythm of the trail, finding solace in the natural surroundings and inspiration in the majestic landscapes. Trekking offers not only physical challenge but also spiritual renewal, as we discover our place in the vast tapestry of the natural world. So, lace up your boots, breathe in the mountain air, and let the wilderness guide you on an unforgettable odyssey.</p>

## Conclusion:

Through the division of the webpage into three columns using a frameset with the cols attribute, this HTML code enables the simultaneous presentation of multiple webpages within a single browser window. By loading separate HTML documents into frames named "frame1," "frame2," and "frame3," the code facilitates improved content organization and navigation, enhancing the user experience with efficient access to diverse web content.

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**Roll Number: 28**

**Experiment No: 10**

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### Title:

Create an HTML page that contains a selection box with a list of 5 countries, when the user selects a country, its capital should be printed next to the list; Add CSS to customize the properties of

```
the font of the capital (color, bold and font size).
```

## Theory:

This HTML code establishes a user-friendly interface for selecting countries and displaying their capitals. Positioned at the center of the page, it presents a dropdown menu containing five country options. Upon selection, the corresponding country's capital is instantly displayed. By adopting this approach, the code ensures ease of use and accessibility, providing users with a seamless experience for exploring and learning about various countries and their capitals.

## Code:

```
<!DOCTYPE html>
<html>

<head>
    <title>Country Capitals</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f0f0f0;
        }

        select {
            font-family: 'Helvetica Neue', sans-serif;
            background-color: #eaeaea;
            padding: 5px;
            border: none;
            border-radius: 5px;
        }

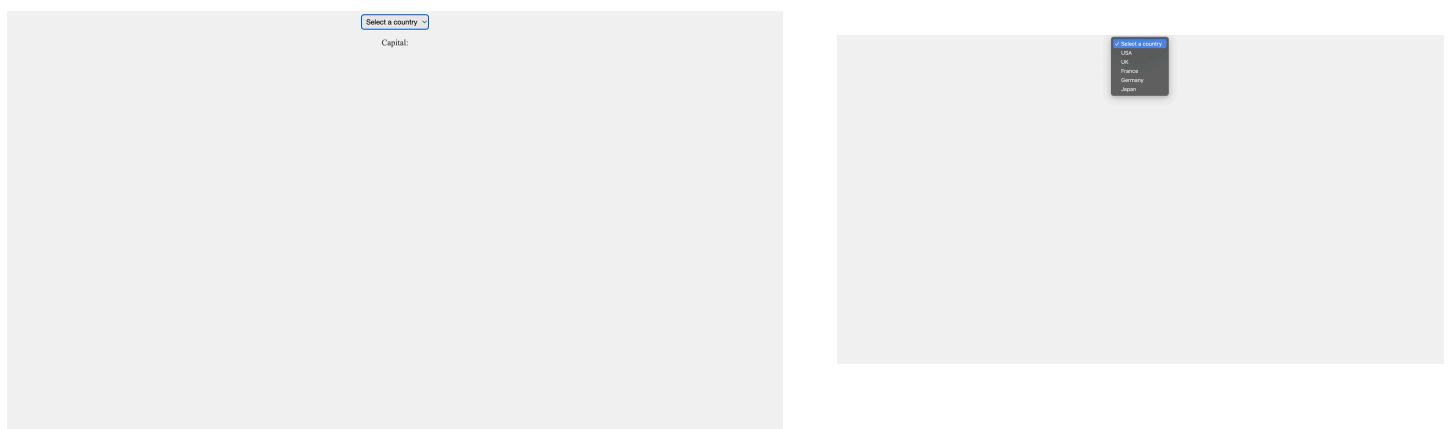
        #capital {
            font-family: 'Times New Roman', serif;
            color: #333;
        }
    </style>
</head>

<body align="center">

    <select id="country-select">
        <option value="default">Select a country</option>
        <option value="usa">USA</option>
        <option value="uk">UK</option>
        <option value="france">France</option>
        <option value="germany">Germany</option>
        <option value="japan">Japan</option>
    </select>
```

```
<p id="capital">Capital: </p>  
</body>  
</html>
```

## Output: (screenshot)



## Conclusion:

With its straightforward design and seamless functionality, this HTML document offers users an accessible means to explore and discover information about various countries and their capitals. By presenting a user-friendly interface featuring a dropdown menu for country selection and instant display of capitals upon selection, the code ensures an intuitive and efficient user experience, enhancing accessibility and usability.