

# Web Technology Lab 2

T1. Make a little webpage to tell a little about yourself. Use at least three levels of headings and some paragraphs.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>About Me</title>
</head>
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>About Me</title>
  <style>
    h1 {
      text-align: center;
      font-family: 'Protest Riot', sans-serif; /* Change to desired font family */
      background-color: #F08080; /* Set background color */
      color: #ffffff;
      padding: 10px; /* Add some padding for better readability */
    }
    h2,h3 {
      font-family: 'Protest Riot', sans-serif; /* Change to desired font family */
    }
    footer {text-align:center;}
    p{font-family: 'cute font';
      line-height: 0.5;
      font-size:x-large;
    }
  </style>
</head>
<body>
  <header>
    <h1>IT IS ABOUT ME</h1>
  </header>

  <main>
    <section id="about">
      <h2>About Me</h2>
      <p>Hello! My name is Niharika Pant. I'm a 19-year-old undergraduate student currently studying in the M&C branch of B.Tech at RGIPT.</p>
      <p> I'm passionate about exploring the world of technology and engineering, and I'm excited to embark on this academic journey to broaden my knowledge and skills.</p>
    </section>

    <section id="interests">
      <h2>Interests</h2>
      <p>I have a keen interest in the fascinating fields of Artificial Intelligence (AI), Machine Learning (ML), and Deep Learning.</p>
```

```

        <p>I am intrigued by the potential of AI to revolutionize various industries
and solve complex problems through data-driven approaches.</p>
        <p>Exploring the intricate algorithms and techniques behind ML models, and
delving into the depths of deep learning architectures, captivates me.</p>
        <p>I am eager to stay updated with the latest advancements in these domains
and aspire to contribute to the advancement of AI technology in the future.</p>
    </section>

    <section id="Qualifications">
        <h2>Qualifications</h2>
        <h3>10th</h3>
        <p>I passed my 10th borads with an aggregate of 92.4%</p>
        <h3>12th</h3>
        <p>I passed my 12th borads with an aggregate of 91% with my subjects as
Physics, Chemistry, Maths and Computer Science</p>
        <h3>JEE Mains and Advanced</h3>
        <p>I qualified jee mains with 92 percentile</p>
        <p>I qualified jee advanced with 17888 General AIR</p>
    </section>
</main>

<footer>
    <p>&copy; 2024 NiharikaPant. All rights reserved.</p>
</footer>
</body>
</html>

```

## IT IS ABOUT ME

### About Me

Hello! My name is Niharika Pant. I'm a 19-year-old undergraduate student currently studying in the M&C branch of B.Tech at RGIPT.

I'm passionate about exploring the world of technology and engineering, and I'm excited to embark on this academic journey to broaden my knowledge and skills.

### Interests

I have a keen interest in the fascinating fields of Artificial Intelligence (AI), Machine Learning (ML), and Deep Learning.

I am intrigued by the potential of AI to revolutionize various industries and solve complex problems through data-driven approaches.

Exploring the intricate algorithms and techniques behind ML models, and delving into the depths of deep learning architectures, captivates me.

I am eager to stay updated with the latest advancements in these domains and aspire to contribute to the advancement of AI technology in the future.

### Qualifications

#### 10th

I passed my 10th borads with an aggregate of 92.4%

#### 12th

I passed my 12th borads with an aggregate of 91% with my subjects as Physics, Chemistry, Maths and Computer Science

#### JEE Mains and Advanced

I qualified jee mains with 92 percentile

I qualified jee advanced with 17888 General AIR

T2. Write an html page that includes a header element giving a title to some image then

include the image in the page, sized appropriately, and a paragraph that describes the image.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Slenophile</title>
  <style>
    body {
      display: flex;
      flex-direction: column;
      align-items: center;
      justify-content: center;
      height: 100vh;
      margin: 0;
    }
    img {
      max-width: 100%;
      height: auto;
    }
    h1{
      font-family: "cute font";
      align-items: center;
      font-size: xx-large;
    }
    p {
      font-family: "cute font";
      margin: 0;
      font-size: x-large;
    }
  </style>
</head>
<body>
  <header>
    <h1>Slenophile</h1>
    
  </header>
  <p>Amidst the twilight's gentle embrace,<br>
    where dreams dance on whispered sighs,<br>
    there resides the slenophile, a connoisseur of the realm,<br>
    where reality softly fades.<br>
    In the cradle of night's tender arms, they find solace.</p>
</body>
</html>
```

## Slenophile



Amidst the twilight's gentle embrace,  
where dreams dance on whispered sighs,  
there resides the slenophile, a connoisseur of the realm,  
where reality softly fades.  
In the cradle of night's tender arms, they find solace.

T3. Make an ordered list that has capital roman numerals at the highest level and lower case roman numerals for the second level items. List three countries at the first level, and for each of those list two spoken languages in that country.

```
<!DOCTYPE html>
<html>
<head>
  <title>Countries and Languages</title>
  <style>
    ol {
      list-style-type: upper-roman;
    }
    ol ol {
      list-style-type: lower-roman;
    }
    h2 {
      font-family: "cute font";
      font-size: xx-large;
      background-color: #E9967A;
      color: white;
      padding: 5px;
      margin-bottom: 10px;
      border-radius: 5px;
    }
  </style>
</head>
<body>
  <ol>
    <li><h2>India</h2>
      <ol>
        <li>Hindi</li>
```

```

        <li>English</li>
      </ol>
    </li>
    <li><h2>Brazil</h2>
      <ol>
        <li>Portuguese</li>
        <li>Guarani</li>
      </ol>
    </li>
    <li><h2>China</h2>
      <ol>
        <li>Mandarin Chinese</li>
        <li>Cantonese</li>
      </ol>
    </li>
  </ol>
</body>
</html>

```

#### I. India

- i. Hindi
- ii. English

#### II. Brazil

- i. Portuguese
- ii. Guarani

#### III. China

- i. Mandarin Chinese
- ii. Cantonese

T4. Make a webpage that uses a table to create two columns. In the left column should be a bulleted list of 5 countries. In the right column should be a numbered list of capitals of those countries.

```

<!DOCTYPE html>
<html>
<head>
  <title>Countries and Capitals</title>
  <style>
    table {
      border-collapse: collapse;
      width: 100%;
    }
    th, td {
      border: 1px solid black;
      padding: 10px;
      text-align: left;
    }
    th {
      background-color: #E9967A;
    }
  </style>
</head>
<body>
  <table>
    <tr>
      <th>Countries</th>
      <th>Capitals</th>
    </tr>
    <tr>
      <td>• India</td>
      <td>1. New Delhi</td>
    </tr>
    <tr>
      <td>• Brazil</td>
      <td>2. Brasilia</td>
    </tr>
    <tr>
      <td>• China</td>
      <td>3. Beijing</td>
    </tr>
    <tr>
      <td>• USA</td>
      <td>4. Washington D.C.</td>
    </tr>
    <tr>
      <td>• Canada</td>
      <td>5. Ottawa</td>
    </tr>
  </table>
</body>
</html>

```

```

        color: white;
    }
    ul {
        list-style-type: disc;
        padding-left: 20px;
    }
    ol {
        list-style-type: decimal;
        padding-left: 20px;
    }
</style>
</head>
<body>
    <table>
        <tr>
            <th>Countries</th>
            <th>Capitals</th>
        </tr>
        <tr>
            <td>
                <ul>
                    <li>India</li>
                    <li>Brazil</li>
                    <li>China</li>
                    <li>United States</li>
                    <li>Russia</li>
                </ul>
            </td>
            <td>
                <ol>
                    <li>New Delhi</li>
                    <li>Brasília</li>
                    <li>Beijing</li>
                    <li>Washington, D.C.</li>
                    <li>Moscow</li>
                </ol>
            </td>
        </tr>
    </table>
</body>
</html>

```

 Apps
  YouTube
  Maps
  niharika pant - Goo...
  Gmail
  WhatsApp
  News
  Translate

| Countries   | Capitals   |
|---|--|
| <ul style="list-style-type: none"> <li>India</li> <li>Brazil</li> <li>China</li> <li>United States</li> <li>Russia</li> </ul> | <ol style="list-style-type: none"> <li>New Delhi</li> <li>Brasília</li> <li>Beijing</li> <li>Washington, D.C.</li> <li>Moscow</li> </ol> |

T5.

| Country      | Politician                |                |
|--------------|---------------------------|----------------|
|              | Name                      | Position       |
| Turkmenistan | Gurbanguly Berdimuhamedow | President      |
|              | Rasit Meredow             | Vice President |
| Eritrea      | Isaias Afwerki            | President      |
|              | None                      | Vice President |

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Table Example</title>
  <style>
    table {
      border-collapse: collapse;
      width: 50%;
    }
    th,
    td {
      border: 1px solid black;
      padding: 8px;
      text-align: left;
    }
    th {
      background-color: #f2f2f2;
    }
    tr:nth-child(even) {
      background-color: #f5f5f5;
    }
  </style>
</head>
<body>
  <table>
    <thead>
      <tr>
        <th rowspan="2">Country</th>
        <th colspan="2">Politician</th>
      </tr>
      <tr>
        <th>Name</th>
        <th>Position</th>
      </tr>
    </thead>
    <tbody>
      <tr>
```

```

        <td rowspan="2">Turkmenistan</td>
        <td>Gurbanguly Berdimuhamedow</td>
        <td>President</td>
    </tr>
    <tr>
        <td>Rasit Meredow</td>
        <td>Vice President</td>
    </tr>
    <tr>
        <td rowspan="2">Eritrea</td>
        <td>Isaias Afwerki</td>
        <td>President</td>
    </tr>
    <tr>
        <td>None</td>
        <td>Vice President</td>
    </tr>
</tbody>
</table>
</body>
</html>

```

T6. Make a webpage that links to four of your favourite websites.

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>My Favorite Websites</title>
    <style>
        body {
            font-family: 'Protest Riot';
            background-color: #f5f5f5;
        }
        .container {
            display: flex;
            flex-wrap: wrap;
            justify-content: center;
            padding: 20px;
        }
        .link-box {
            background-color: #fff;
            box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
            padding: 20px;
            text-align: center;
            border-radius: 5px;
            width: 250px;
            margin: 10px;
        }
        .link-box h3 {
            margin-top: 0;
        }
    </style>

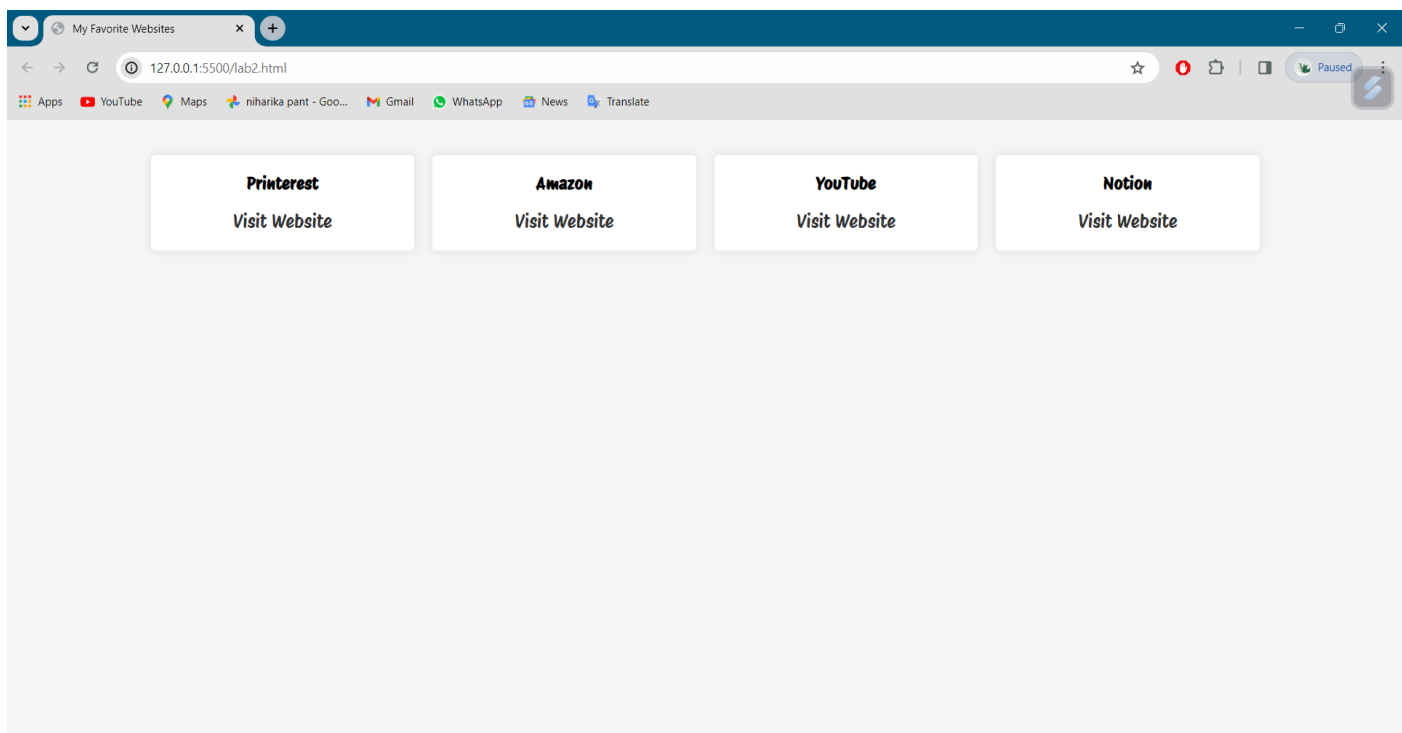
```



```

.link-box a {
  text-decoration: none;
  color: #333;
  font-size: 20px;
  display: block;
  margin-top: 10px;
}
.link-box a:hover {
  color: #007bff;
}
</style>
</head>
<body>
<div class="container">
  <div class="link-box">
    <h3>Pinterest</h3>
    <a href="https://www.pinterest.com/" target="_blank">Visit Website</a>
  </div>
  <div class="link-box">
    <h3>Amazon</h3>
    <a href="https://www.amazon.com/" target="_blank">Visit Website</a>
  </div>
  <div class="link-box">
    <h3>YouTube</h3>
    <a href="https://www.youtube.com/" target="_blank">Visit Website</a>
  </div>
  <div class="link-box">
    <h3>Notion</h3>
    <a href="https://www.notion.so/" target="_blank">Visit Website</a>
  </div>
</div>
</body>
</html>

```



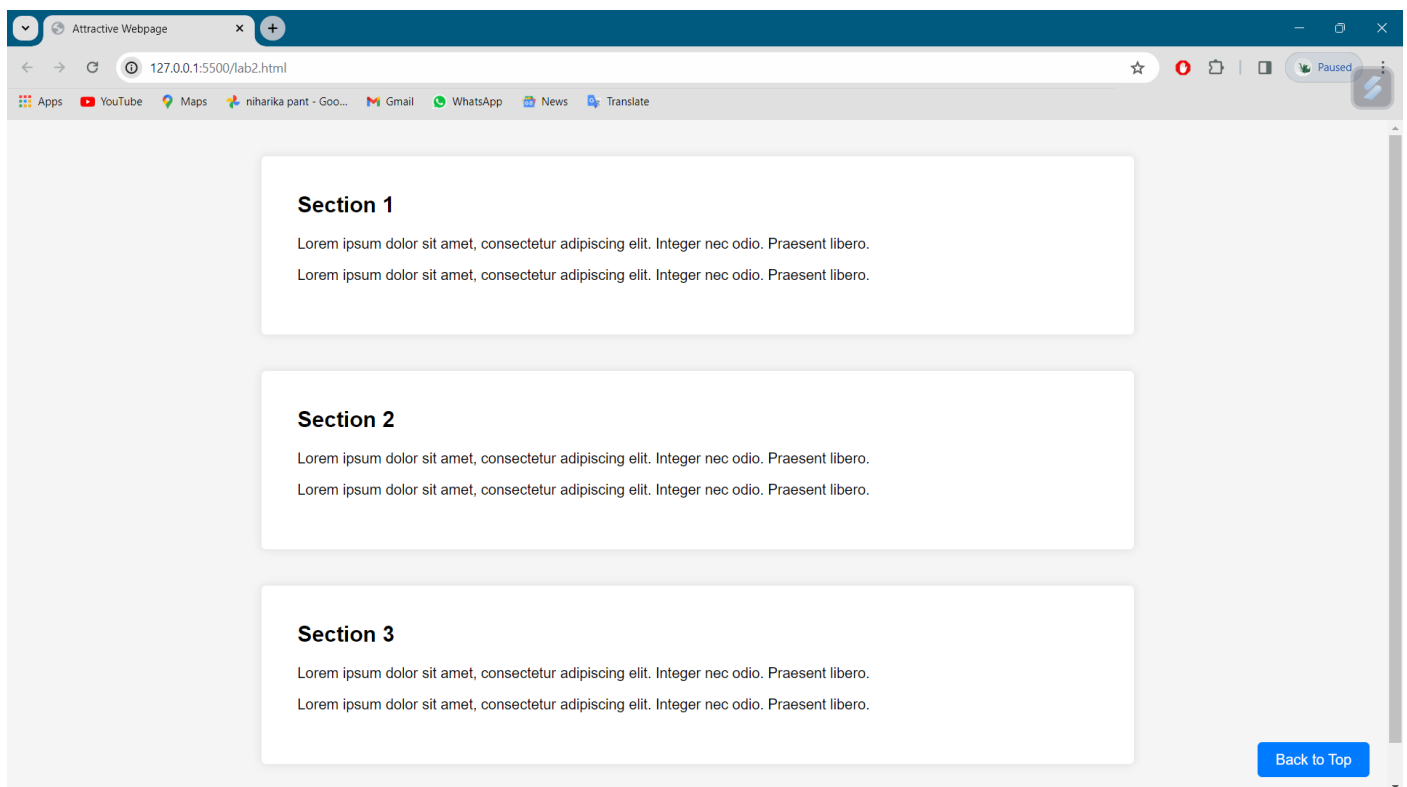
T7. Make a webpage with a link at the bottom that when clicked will jump you all the way to the top of the page.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Attractive Webpage</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      background-color: #f5f5f5;
    }
    .container {
      max-width: 960px;
      margin: 0 auto;
      padding: 40px;
    }
    .section {
      background-color: #fff;
      border-radius: 5px;
      box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
      padding: 40px;
      margin-bottom: 40px;
    }
    .section h2 {
      margin-top: 0;
    }
    .back-to-top {
      position: fixed;
      bottom: 20px;
      right: 20px;
      background-color: #007bff;
      color: #fff;
      padding: 10px 20px;
      border-radius: 5px;
      text-decoration: none;
      display: inline-block;
      transition: background-color 0.3s ease;
    }
    .back-to-top:hover {
      background-color: #0062cc;
    }
  </style>
</head>
<body>
  <div class="container">
    <div class="section">
      <h2>Section 1</h2>
```

```

    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
</div>
<div class="section">
    <h2>Section 2</h2>
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
</div>
<div class="section">
    <h2>Section 3</h2>
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
</div>
</div>
<a href="#" class="back-to-top">Back to Top</a>
</body>
</html>

```



T8. Make a webpage with a link at the top of it that when clicked will jump all the way to the bottom of the page. At the bottom of the page there should be a link to jump back to the top of the page.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Attractive Webpage</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      background-color: #f5f5f5;
    }
    .container {
      max-width: 960px;
      margin: 0 auto;
      padding: 40px;
    }
    .section {
      background-color: #fff;
      border-radius: 5px;
      box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
      padding: 40px;
      margin-bottom: 40px;
    }
    .section h2 {
      margin-top: 0;
      margin-bottom: 0;
    }
    .back-to-top {
      position: fixed;
      bottom: 20px;
      right: 20px;
      background-color: #007bff;
      color: #fff;
      padding: 10px 20px;
      border-radius: 5px;
      text-decoration: none;
      display: inline-block;
      transition: background-color 0.3s ease;
    }
    .back-to-top:hover {
      background-color: #0062cc;
    }
    .back-to-bottom {
      position: fixed;
      top: 20px;
      right: 20px;
```

```

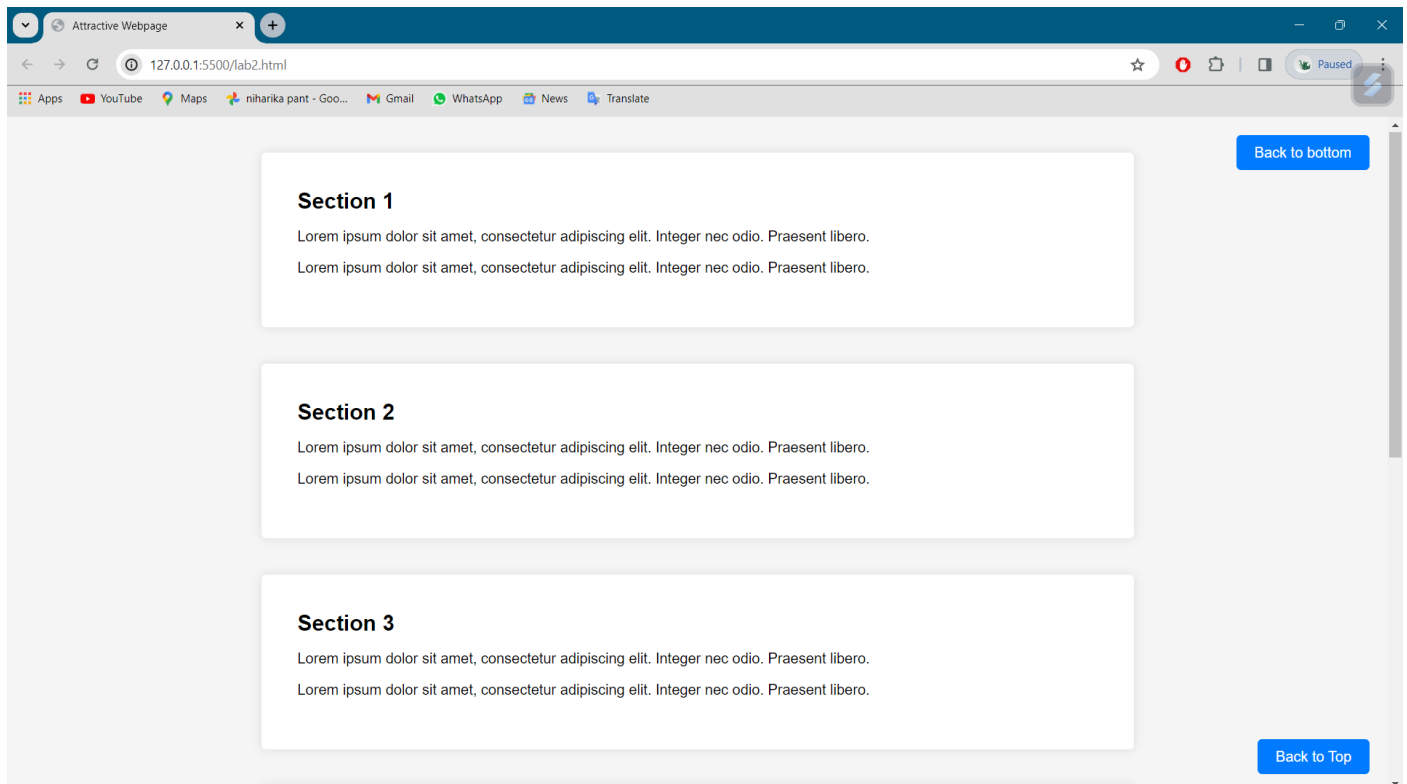
        background-color: #007bff;
        color: #fff;
        padding: 10px 20px;
        border-radius: 5px;
        text-decoration: none;
        display: inline-block;
        transition: background-color 0.3s ease;
    }
    .back-to-bottom:hover {
        background-color: #0062cc;
    }
</style>
</head>
<body>
    <a href="#bottom" class="back-to-bottom">Back to bottom</a>
    <div class="container">
        <div class="section">
            <h2>Section 1</h2>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
        </div>
        <div class="section">
            <h2>Section 2</h2>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
        </div>
        <div class="section">
            <h2>Section 3</h2>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
        </div>
        <div class="section">
            <h2>Section 4</h2>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
        </div>
        <div class="section">
            <h2>Section 5</h2>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
        </div>
        <div class="section">
            <h2>Section 6</h2>

```

```

        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio.
Praesent libero.</p>
    </div>
</div>
<a name="bottom"></a>
<a href="#" class="back-to-top">Back to Top</a>
</body>
</html>

```



T9. Make a webpage with an image that has a border of size 2, a width of 200, and a height of 200.

```

<!DOCTYPE html>
<html>
<head>
    <title>"The moon waxes, life flourishes."</title>
    <style>
        body {
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
            margin: 0;
            padding: 0;
            background-color: #f5f5f5;
        }
        img {
            border: 2px solid #ccc;

```

```

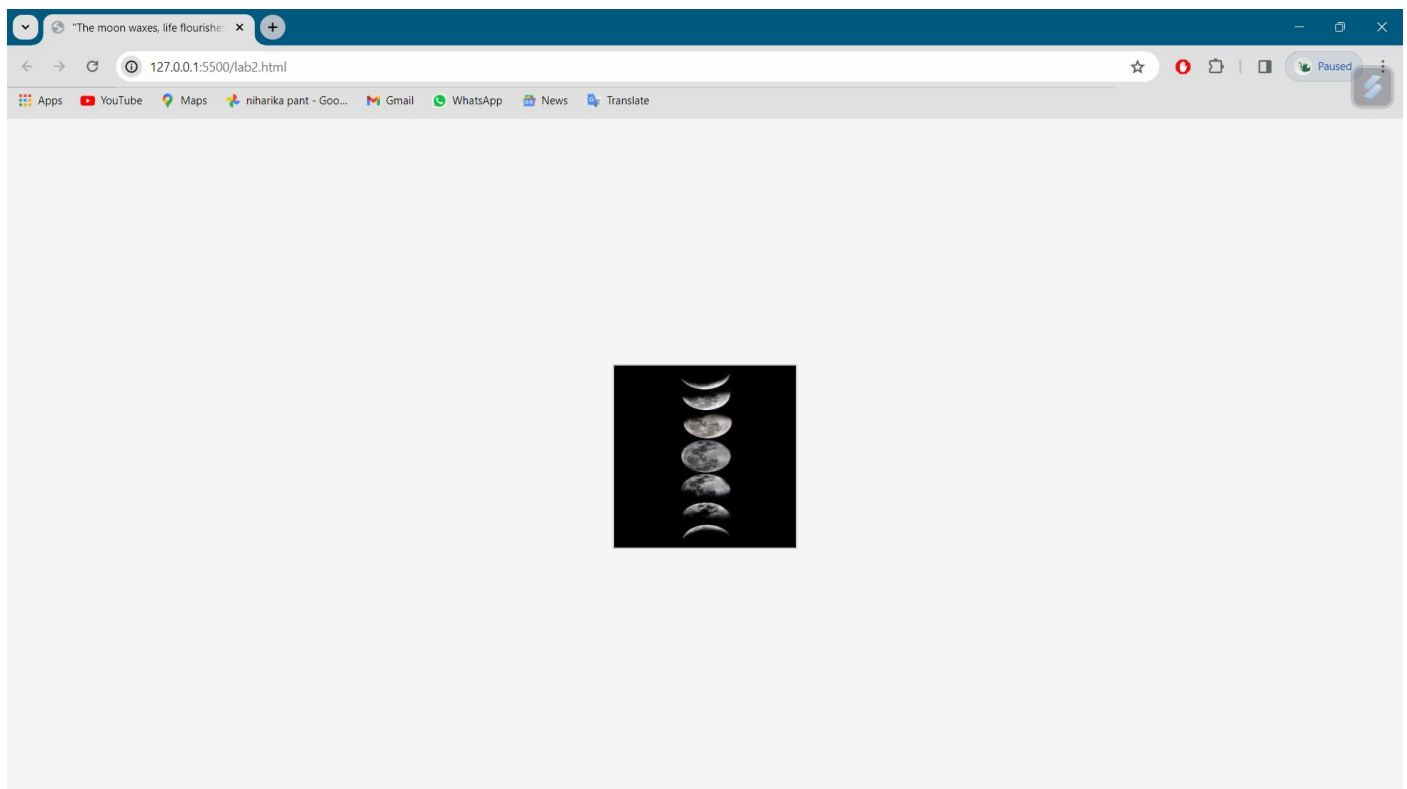
        width: 200px;
        height: 200px;
    }

</style>
</head>
<body>



</body>
</html>

```



T10. Make a webpage with five different images. Skip two lines between each image (Use `<br>` tag). Each image should have a caption.

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Constellations</title>
<style>
    .container {
        display: flex;
        flex-wrap: wrap;
        justify-content: center;
    }
    .image-container {
        margin: 10px;
        text-align: center;
    }

```

```

}
.image-container img {
  width: 300px;
  height: 200px;
}
h1{
  text-align: center;
  font-family: 'protest riot';
  color: rgb(1, 1, 39);
}
</style>
</head>
<body>

<h1>Constellations</h1>

<div class="container">
  <!-- Image 1 -->
  <div class="image-container">
    
    <br>
    <span>Scorpio</span>
  </div>

  <!-- Image 2 -->
  <div class="image-container">
    
    <br>
    <span>Libra</span>
  </div>

  <!-- Image 3 -->
  <div class="image-container">
    
    <br>
    <span>Gemini</span>
  </div>
</div>

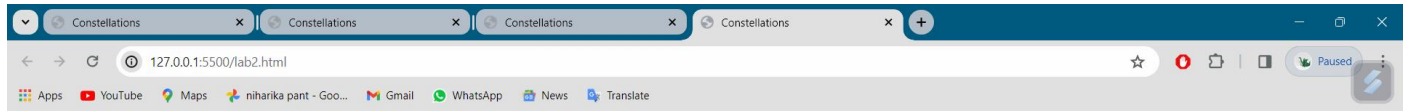
<div class="container">
  <!-- Image 4 -->
  <div class="image-container">
    
    <br>
    <span>Ursa Major</span>
  </div>

  <!-- Image 5 -->
  <div class="image-container">
    
    <br>
    <span>Orion</span>
  </div>
</div>

```



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



## Constellations



T11. Make a webpage with an image that when clicked will link to a search engine of your choice.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Search on Notion</title>
<style>
  body {
    font-family: 'protest riot';
    background-color: #f0f0f0;
    text-align: center;
  }
  #notion-img {
    width: 300px;
    height: auto;
    margin-top: 100px;
    cursor: pointer;
    transition: transform 0.3s ease;
  }
  #notion-img:hover {
    transform: scale(1.1);
  }
</style>
```

```
</head>
<body>

<a href="https://www.notion.so/" target="_blank">
  
</a>

</body>
</html>
```

