

Name : Sudhanshu Singh Roll No: 22cs3060

LAB Assignment - 1

Question 1

Code :

```
<!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>

    <style>

        body {

            font-family: Arial, sans-serif;

            line-height: 1.6;

            margin: 20px;

        }

    </style>

</head>

<body>


<h1>About Me</h1>

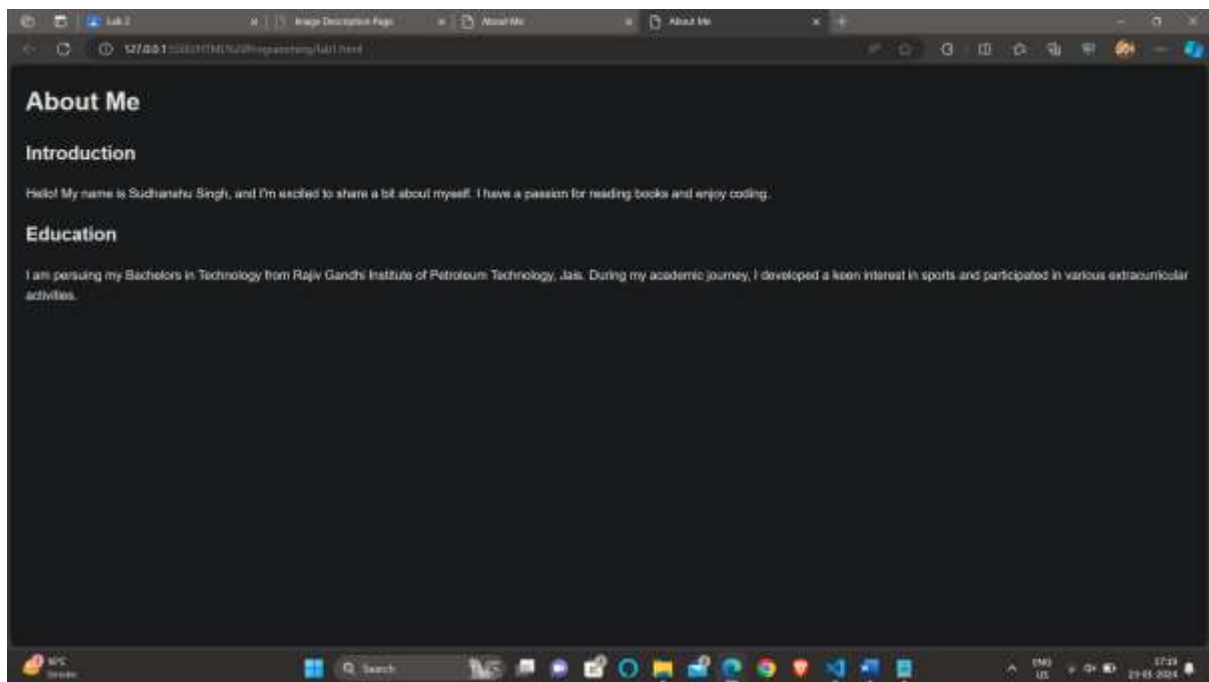

<h2>Introduction</h2>


<p>Hello! My name is Sudhanshu Singh, and I'm excited to share a bit about myself. I have a
passion for reading books and enjoy coding.</p>
```

<h2>Education</h2>

<p>I am persuing my Bachelors in Technology from Rajiv Gandhi Institute of Petroleum Technology, Jais. During my academic journey, I developed a keen interest in sports and participated in various extracurricular activities.</p>

Output :



Question 2

Code :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

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

```
  <title>Image Description Page</title>
```

```
</style>
```

```
body {
    font-family: Arial, sans-serif;
    line-height: 1.6;
    margin: 20px;
}

img {
    max-width: 100%;
    height: auto;
}

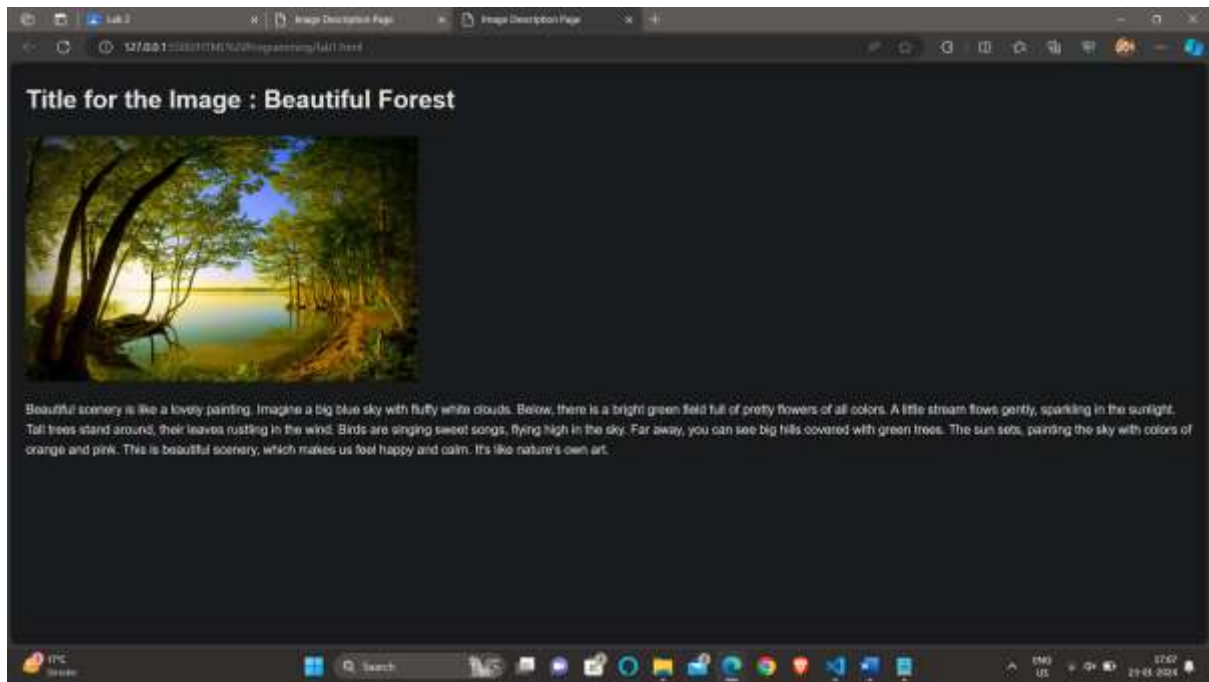
</style>
</head>
<body>

<h1>Title for the Image : Beautiful Forest</h1>



<p>Beautiful scenery is like a lovely painting. Imagine a big blue sky with fluffy
    white clouds. Below, there is a bright green field full of pretty flowers of
    all colors. A little stream flows gently, sparkling in the sunlight.
    Tall trees stand around, their leaves rustling in the wind. Birds are singing
    sweet songs, flying high in the sky. Far away, you can see big hills covered
    with green trees. The sun sets, painting the sky with colors of orange and pink.
    This is beautiful scenery, which makes us feel happy and calm. It's like nature's own
    art.</p>
</body>
</html>
```

Output :



Question 3

Code :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

<head>

```
<meta charset="UTF-8">
```

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

<title>Countries and Languages</title>

</head>

<body>

Countries and Languages

```
<ol type="I"> <!-- Capital Roman numerals for the highest level -->
```

-

India

```
<ol type="i"> <!-- Lowercase Roman numerals for the second level -->
```

- Spoken Language 1 : Hindi

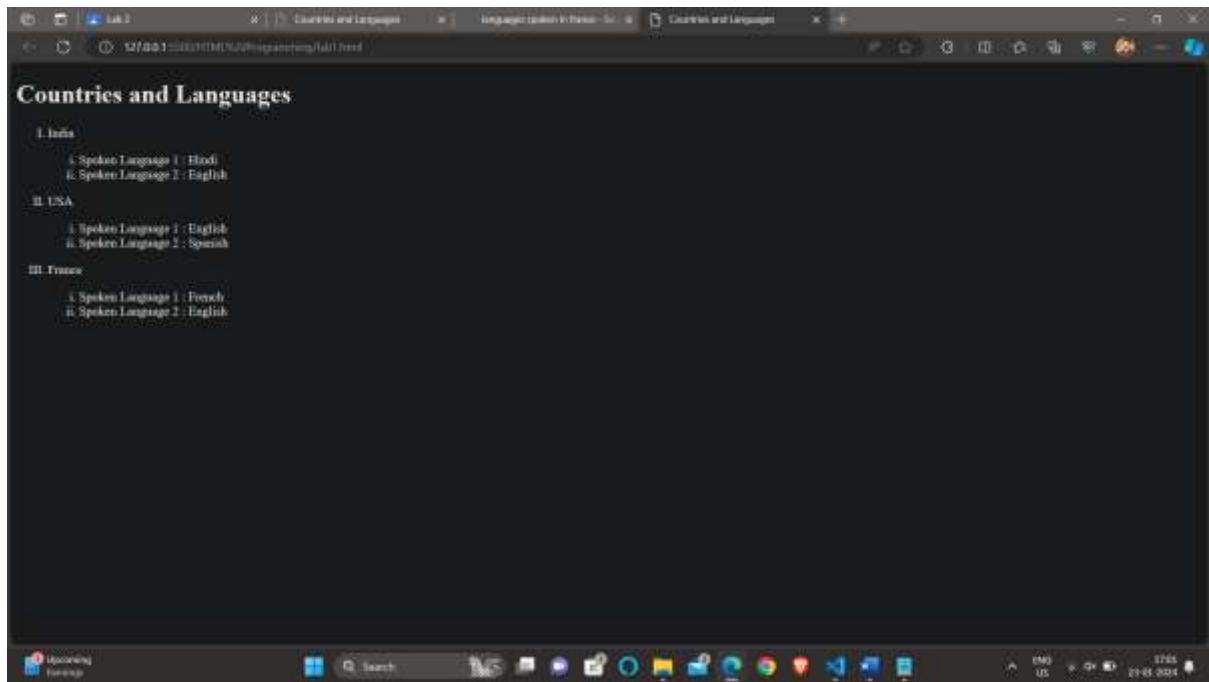
```
<li>Spoken Language 2 : English</li>
</ol>
</li>

<li>
  <p>USA</p>
  <ol type="i">
    <li>Spoken Language 1 : English</li>
    <li>Spoken Language 2 : Spanish</li>
  </ol>
</li>

<li>
  <p>France</p>
  <ol type="i">
    <li>Spoken Language 1 : French</li>
    <li>Spoken Language 2 : English</li>
  </ol>
</li>
</ol>

</body>
</html>
```

Output :



Question 4

Code :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

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

```
  <title>Country Capitals</title>
```

```
<style>
```

```
  table {
```

```
    width: 100%;
```

```
    border-collapse: collapse;
```

```
  }
```

```
  th, td {
```

```
    border: 1px solid #ddd;
```

```
    padding: 8px;
```

```
    text-align: left;
```

```
}
```

```
th {
```

```
background-color: #f2f2f2;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1>Country Capitals</h1>
```

```
<table>
```

```
<tr>
```

```
<th>Country</th>
```

```
<th>Capital</th>
```

```
</tr>
```

```
<tr>
```

```
<td>
```

```
<ul>
```

```
<li>India</li>
```

```
<li>Bangladesh</li>
```

```
<li>Germany</li>
```

```
<li>Japan</li>
```

```
<li>Australia</li>
```

```
</ul>
```

```
</td>
```

```
<td>
```

```
<ol>
```

```
<li>New Delhi</li>
```

```
<li>Dhaka</li>
```

```

        <li>Berlin</li>

        <li>Tokyo</li>

        <li>Canberra</li>

    </ol>

</td>

</tr>

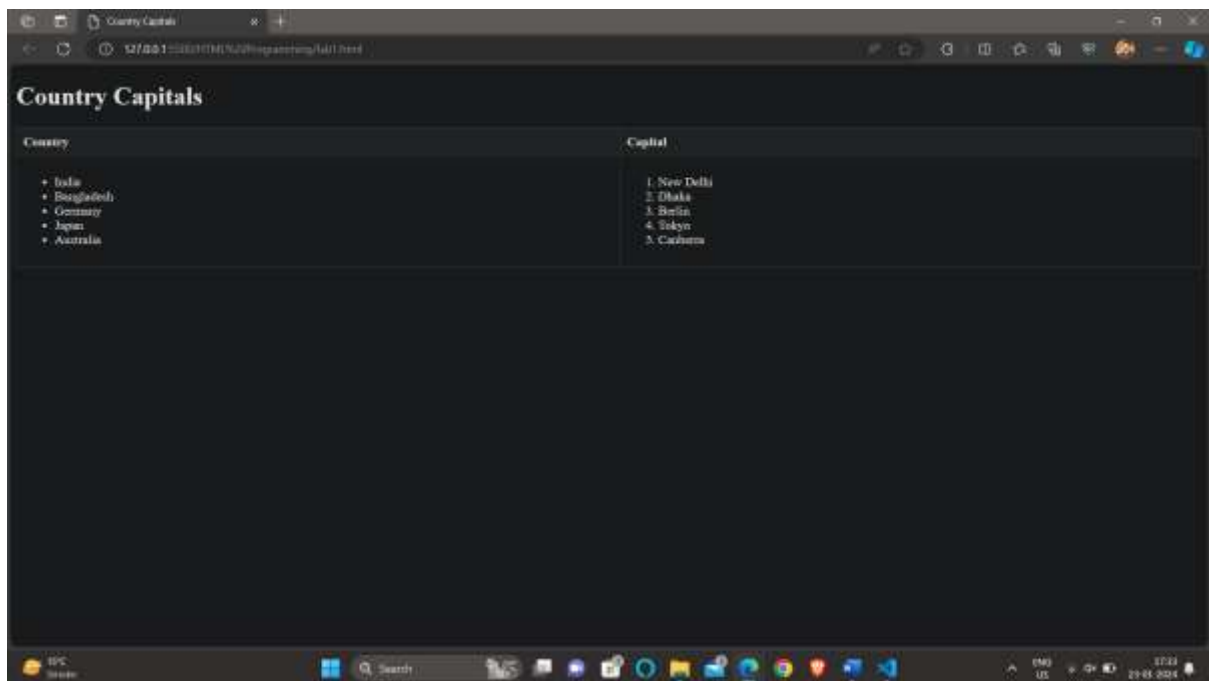
</table>

</body>

</html>

```

Output :



Question 5

Code :

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

```



```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Country Information</title>
<style>
    table {
        border-collapse: collapse;
        width: 50%;
    }

    th, td {
        border: 1px solid black;
        padding: 8px;
        text-align: left;
    }
</style>
</head>
<body>

<table>
    <tr>
        <th>Country</th>
        <th colspan="2">Politicians</th>
    </tr>
    <tr>
        <td rowspan="2">Turkmenistan</td>
        <td>President</td>
        <td>Gurbanguly Berdimuhamedow</td>
    </tr>
    <tr>
        <td>Vice-President</td>
        <td>Raşit Meredow</td>
    </tr>
</table>
```

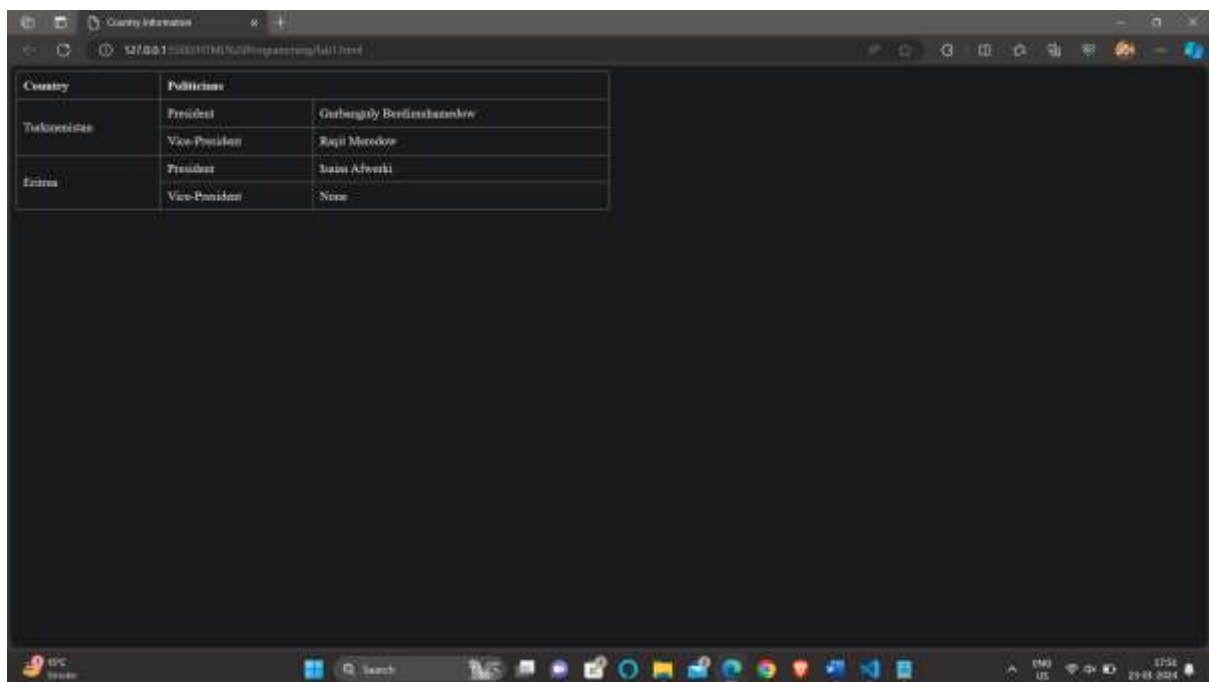
```

</tr><tr>
  <td rowspan="2">Eritrea</td>
  <td>President</td>
  <td>Isaias Afwerki</td>
</tr>
<tr>
  <td>Vice-President</td>
  <td>None</td>
</table>

</body>
</html>

```

Output :



Country	Politicians	
Turkmenistan	President	Gurbanguly Berdimuhamedov
	Vice-President	Ragyn Meredov
Eritrea	President	Isaias Afwerki
	Vice-President	None

Question 6

Code :

```

<!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>

</head>

<body>

<h1>My Favorite Websites</h1>

<!-- Links to favorite websites -->

<ul>

  <li><a href="https://www.cricbuzz.com" target="_blank">Favorite Website 1 :
Cricbuzz</a></li>

  <li><a href="https://www.youtube.com" target="_blank">Favorite Website 2 :
YouTube</a></li>

  <li><a href="https://www.linkedin.com" target="_blank">Favorite Website 3 :
LinkedIn</a></li>

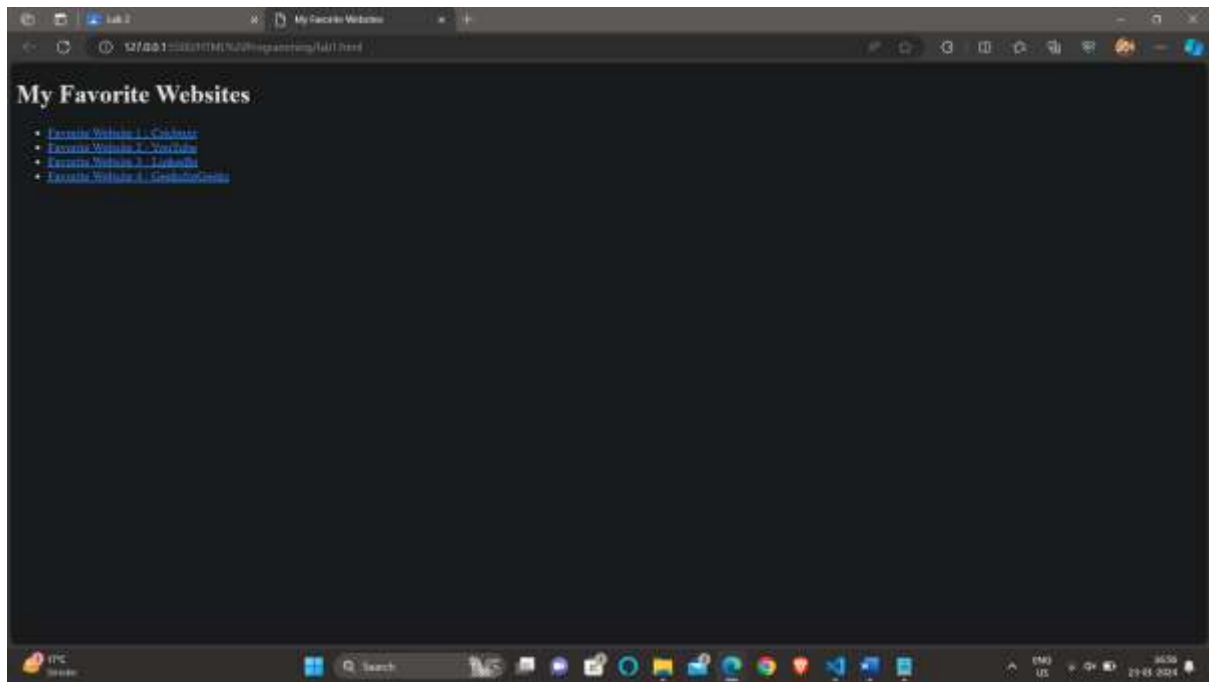
  <li><a href="https://www.geeksforgeeks.org" target="_blank">Favorite Website 4 :
GeeksforGeeks</a></li>

</ul>

</body>

</html>
```

Output :



Question 7

Code :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

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

```
  <title>Jump Links</title>
```

```
<style>
```

```
  body {
```

```
    font-family: Arial, sans-serif;
```

```
    line-height: 1.6;
```

```
    margin: 20px;
```

```
  }
```

```
  #top-link, #bottom-link {
```

```
    display: block;
```

```
    margin-bottom: 20px;
```

```
  }
```

```
</style>
</head>
<body>

<h1>Welcome to Web Technology<h3>Sudhanshu Singh</h3></h1>

<p>A computer science portal for B. Tech.</p>

<p>
<h2>Web Technology

  <p>Web Technology refers to the various tools and techniques that are utilized in the
  process

  of communication between different types of devices over the Internet. A web browser is
  used

  to access web pages. Web browsers can be defined as programs that display text, data,
  pictures, animation, and video on the Internet.</p></h2>
<p><h4>HTML</h4>

  HTML stands for Hypertext Markup Language. It is used to design the front-end portion of
  web pages using a markup language. HTML is the

  combination of Hypertext and Markup language. Hypertext defines the link between the
  web pages.</p>
<p>JavaScript is a famous scripting language used to create magic on the sites to make the
  site interactive for the user. It is used to

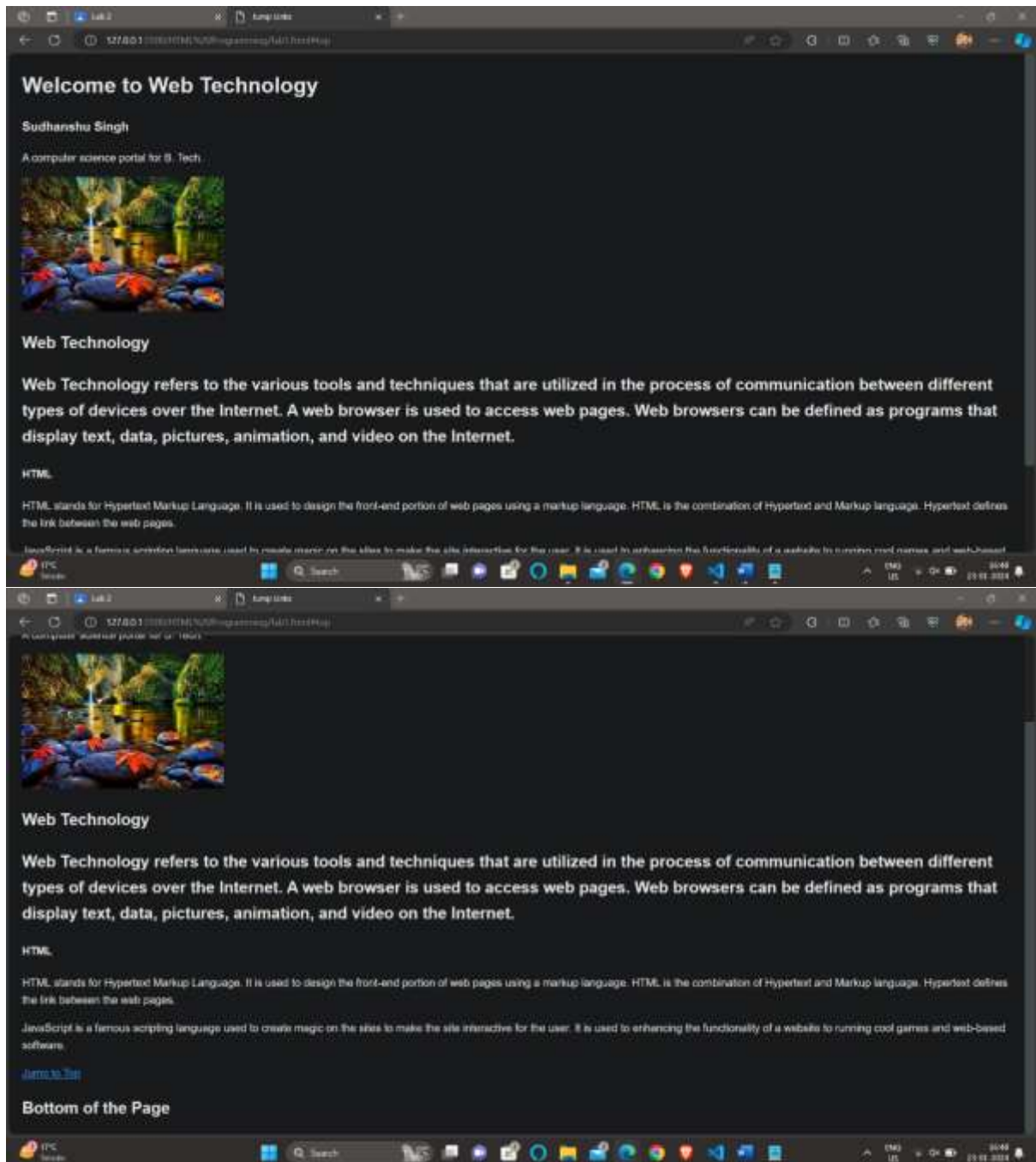
  enhancing the functionality of a website to running cool games and web-based
  software.</p>
</p>

<!-- Link at the bottom to jump back to the top -->
<a href="#top" id="bottom-link">Jump to Top</a>

<!-- Add some content at the bottom to make the jump visible -->
```

```
<div id="bottom">  
  <h2>Bottom of the Page</h2>  
  <!-- Add additional content here -->  
</div>  
  
</body>  
</html>
```

Output :



Question 8

Code :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

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

```

<title>Jump Links</title>

<style>
    body {
        font-family: Arial, sans-serif;
        line-height: 1.6;
        margin: 20px;
    }
    #top-link, #bottom-link {
        display: block;
        margin-bottom: 20px;
    }
</style>
</head>
<body>

<!-- Link at the top to jump to the bottom -->
<a href="#bottom" id="top-link">Jump to Bottom</a>

<h1>Welcome to Web Technology<h3>Sudhanshu Singh</h3></h1>

<p>A computer science portal for B. Tech.</p>

<p>
<h2>Web Technology

    <p>Web Technology refers to the various tools and techniques that are utilized in the
    process

    of communication between different types of devices over the Internet. A web browser is
    used

    to access web pages. Web browsers can be defined as programs that display text, data,
    pictures, animation, and video on the Internet.</p></h2>
<p><h4>HTML</h4>

```


HTML stands for Hypertext Markup Language. It is used to design the front-end portion of web pages using a markup language. HTML is the

combination of Hypertext and Markup language. Hypertext defines the link between the web pages.</p>

<p>JavaScript is a famous scripting language used to create magic on the sites to make the site interactive for the user. It is used to

enhancing the functionality of a website to running cool games and web-based software.</p>

</p>

<!-- Link at the bottom to jump back to the top -->

Jump to Top

<!-- Add some content at the bottom to make the jump visible -->

<div id="bottom">

<h2>Bottom of the Page</h2>

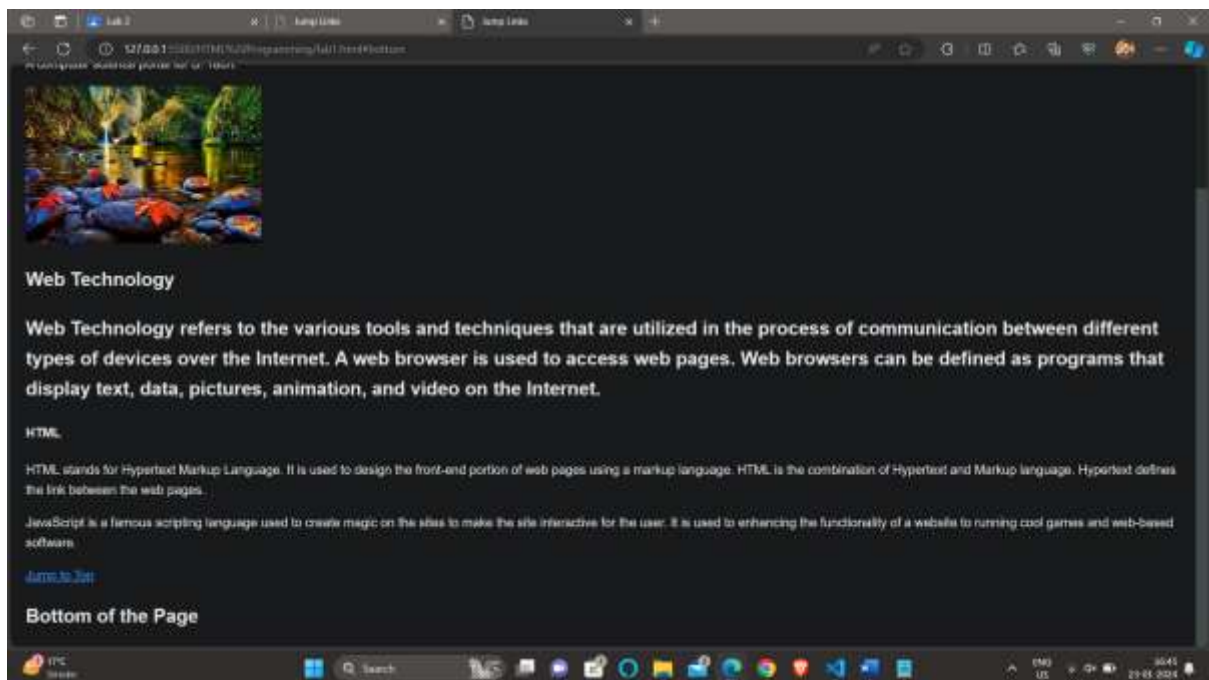
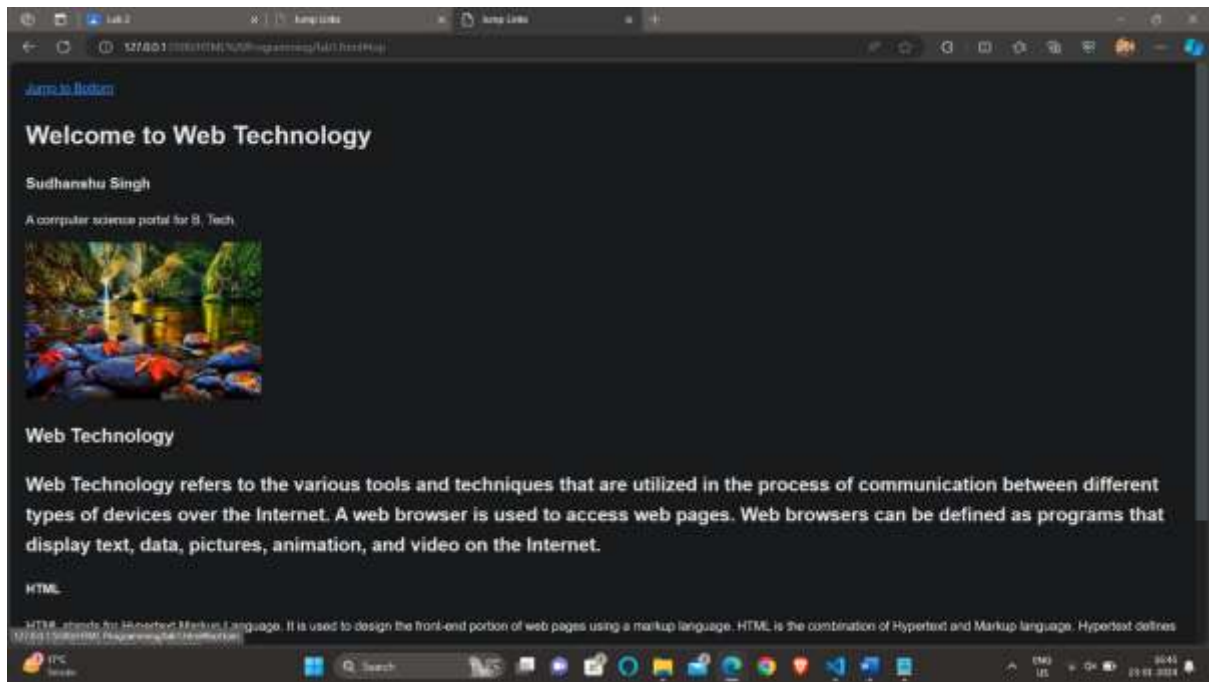
<!-- Add additional content here -->

</div>

</body>

</html>

Output :



Question 9

Code :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

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

<title>Image with Border</title>

</head>

<body>

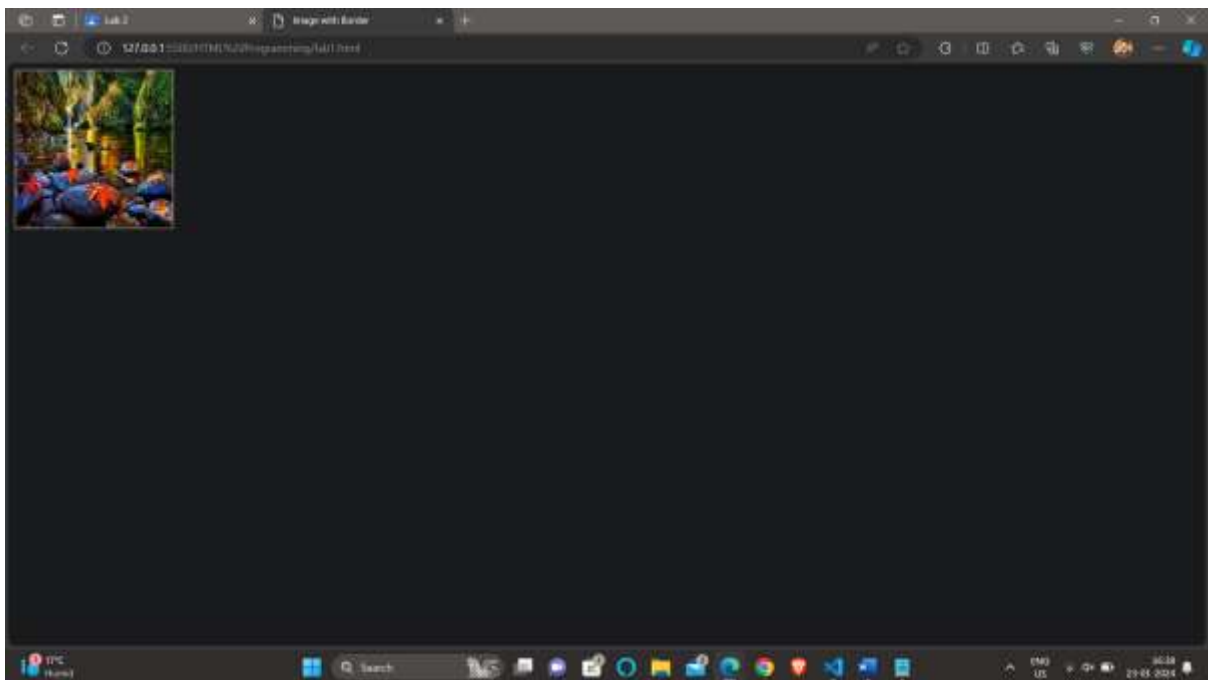
<!-- Image with border, width, and height -->



</body>

</html>
```

Output :



Question 10

Code :

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Image Gallery</title>
</head>
<body>

<!-- Image 1 -->

<br>
<br>
<p>Water Scenary</p>

<!-- Image 2 -->

<br>
<br>
<p>Path in a forest</p>

<!-- Image 3 -->

<br>
<br>
<p>Flowers</p>

<!-- Image 4 -->

<br>
<br>
<p>Leaves on ground</p>

<!-- Image 5 -->
```

```

```

```
<br>
```

```
<br>
```

```
<p>Sunset scenary</p>
```

```
<!-- Image 6 -->
```

```

```

```
<br>
```

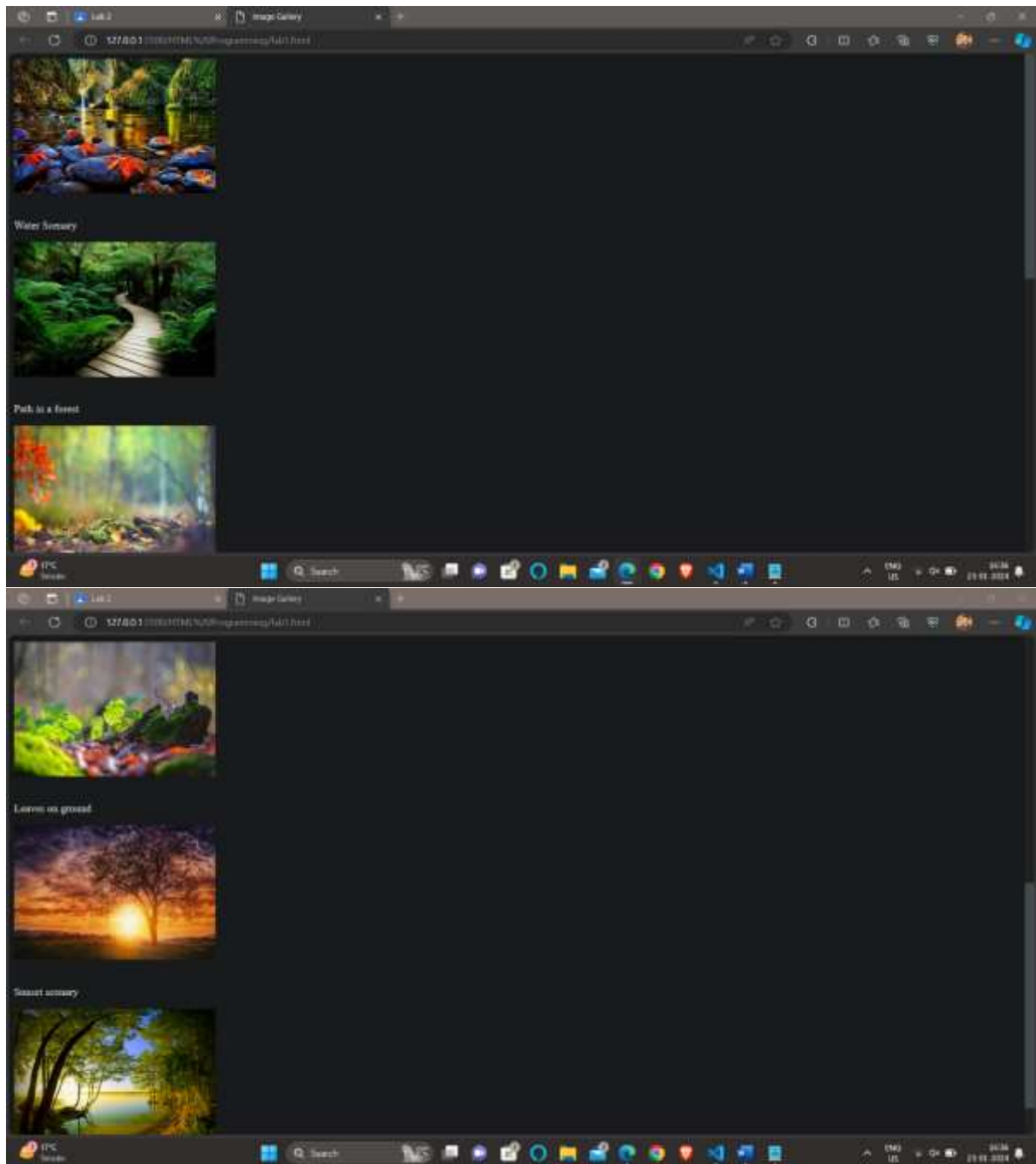
```
<br>
```

```
<p>Beautiful Scenary</p>
```

```
</body>
```

```
</html>
```

Output :



Question 11

Code :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

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

```
<title>Clickable Image</title>
</head>
<body>

<!-- Replace the src attribute with the URL of the image you want to use -->
<a href="https://www.google.com" target="_blank">
  
</a>

</body>
</html>
```

Output :

