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

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows files in the project: .vscode, 2.c, aryan.html, project.html, task_1.html, Untitled-1.c, Untitled-1.py, and T.html (the active editor).
- Editor:** Displays the content of T.html, which contains a CSS style block and several paragraphs describing the author's background and achievements.
- Bottom Status Bar:** Shows file path (T.html), line count (Ln 11, Col 28), spaces used (Spaces: 4), encoding (UTF-8), line endings (CRLF), file type (HTML), and other status indicators.
- System Tray:** Shows weather (17°C), battery level (Smoke), and system time (23-01-2024 16:31).

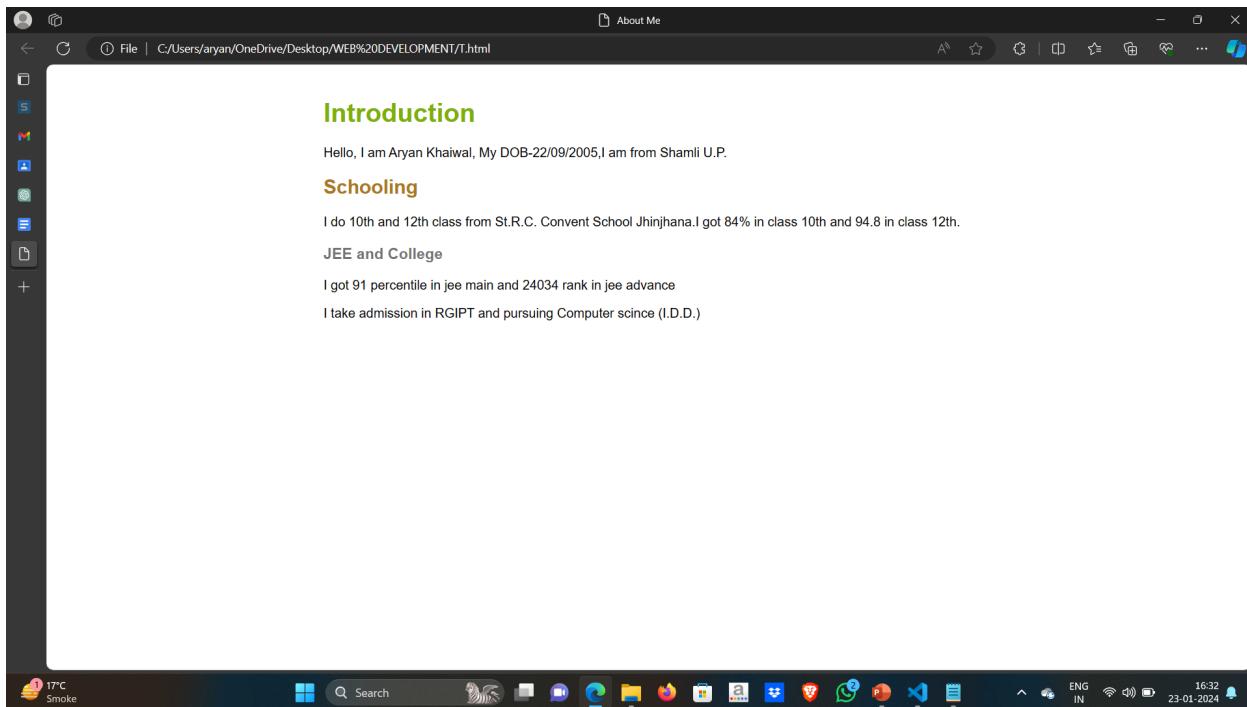
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>About Me</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            max-width: 800px;
            margin: 0 auto;
            padding: 20px;
        }
        h1 {
            color: #fb00d;
        }
        h2 {
            color: #aa7823;
        }
        h3 {
            color: #777;
        }
    </style>
</head>
<body>

    <h1>Introduction</h1>
    <p>Hello, I am Aryan Khaiwal, My DOB-22/09/2005, I am from Shamli U.P.</p>
    <h2>Schooling</h2>
    <p>I do 10th and 12th class from St.R.C. Convent School Jhunjhana. I got 84% in class 10th and 94.8 in class 12th.</p>
    <h3>JEE and College</h3>
    <p>I got 91 percentile in jee main and 24034 rank in jee advance.</p>

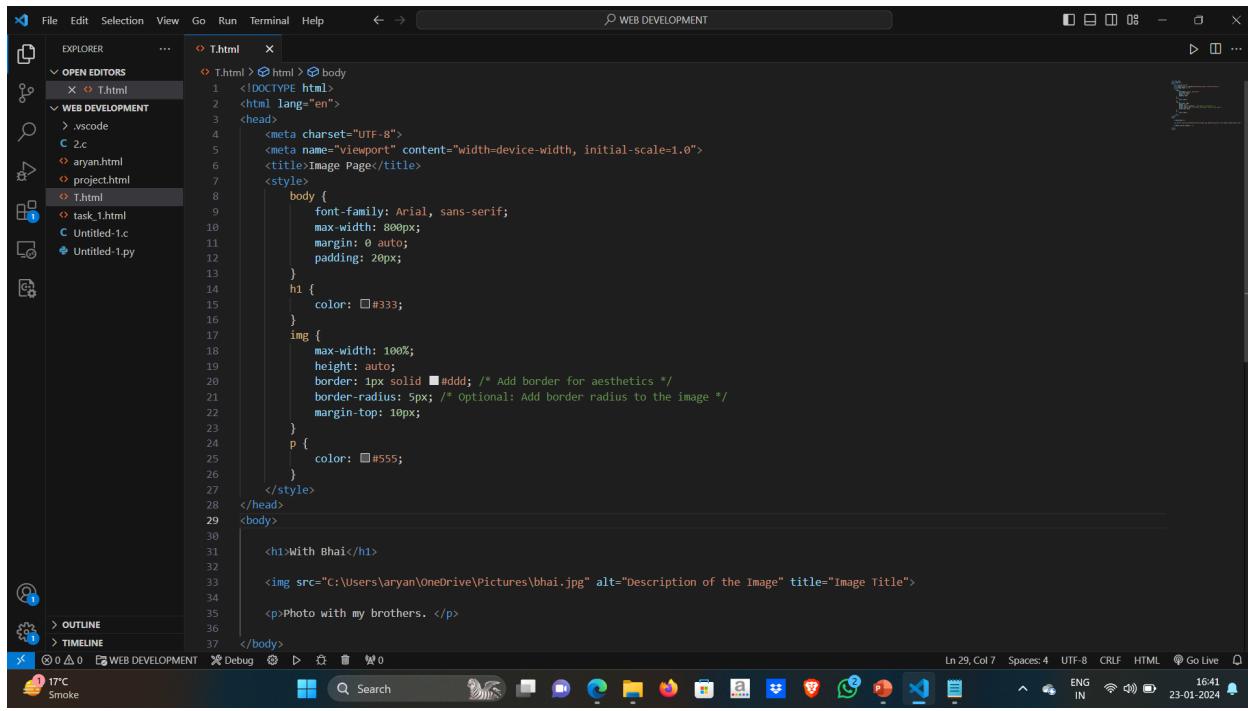
</body>

```

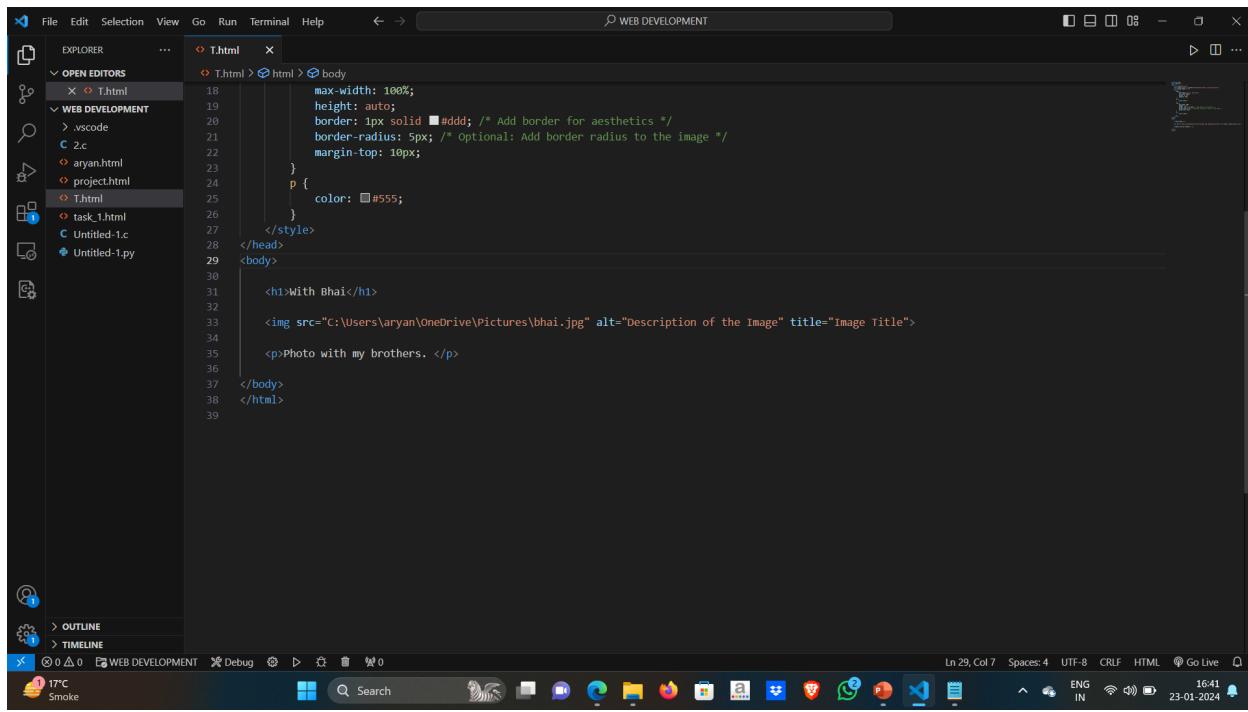
```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html>
<html>
    <head>
        <title>WEB DEVELOPMENT</title>
    </head>
    <body>
        <h1>Introduction</h1>
        <p>Hello, I am Aryan Khaiwal, My DOB-22/09/2005,I am from Shamli U.P.</p>
        <h2>Schooling</h2>
        <p>I do 10th and 12th class from St.R.C. Convent School Jhunjhana.I got 84% in class 10th and 94.8 in class 12th.</p>
        <h3>JEE and College</h3>
        <p>I got 91 percentile in jee main and 24034 rank in jee advance</p>
        <p>I take admission in RGIFT and pursuing Computer science (I.D.D.)</p>
    </body>
</html>
```



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



```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Image Page</title>
    <style>
      body {
        font-family: Arial, sans-serif;
        max-width: 800px;
        margin: 0 auto;
        padding: 20px;
      }
      h1 {
        color: #3333;
      }
      img {
        max-width: 100%;
        height: auto;
        border: 1px solid #ddd; /* Add border for aesthetics */
        border-radius: 5px; /* Optional: Add border radius to the image */
        margin-top: 10px;
      }
      p {
        color: #5555;
      }
    </style>
  </head>
  <body>
    <h1>With Bhai</h1>
    
    <p>Photo with my brothers. </p>
  </body>
</html>
```



```
<!DOCTYPE html>
<html lang="en">
  <head>
    <style>
      body {
        max-width: 100%;
        height: auto;
        border: 1px solid #ddd; /* Add border for aesthetics */
        border-radius: 5px; /* Optional: Add border radius to the image */
        margin-top: 10px;
      }
      p {
        color: #5555;
      }
    </style>
  </head>
  <body>
    <h1>With Bhai</h1>
    
    <p>Photo with my brothers. </p>
  </body>
</html>
```

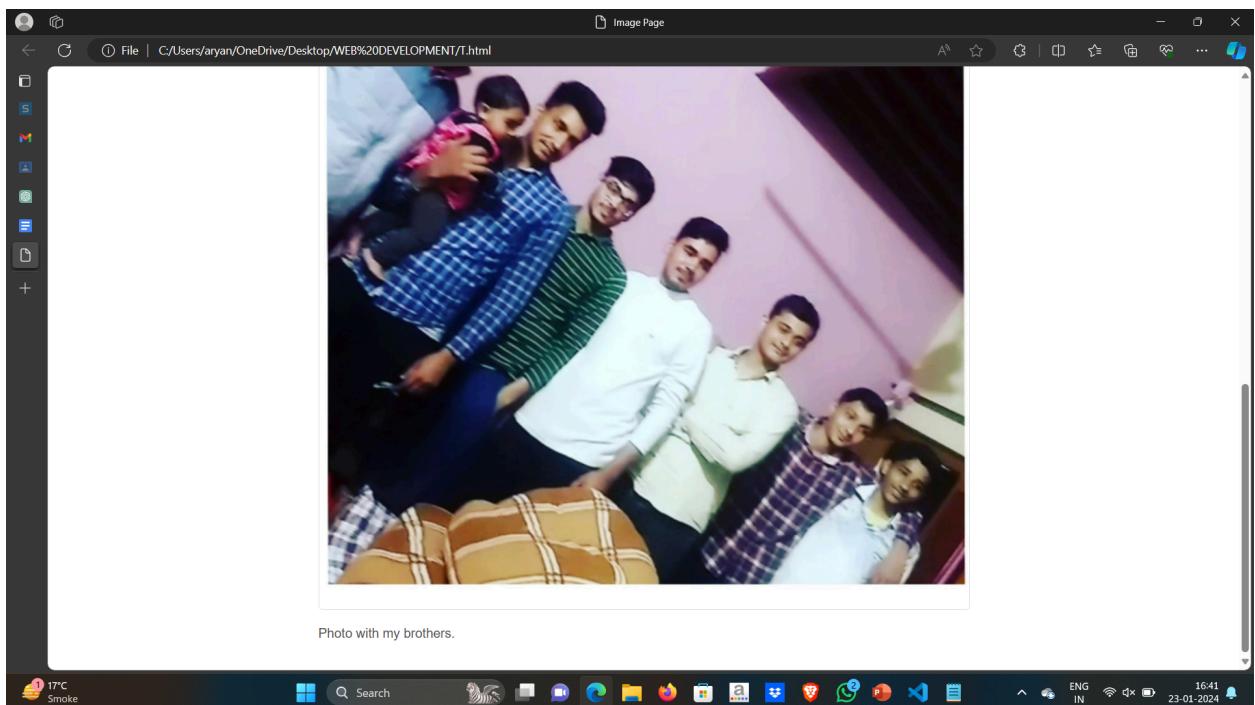
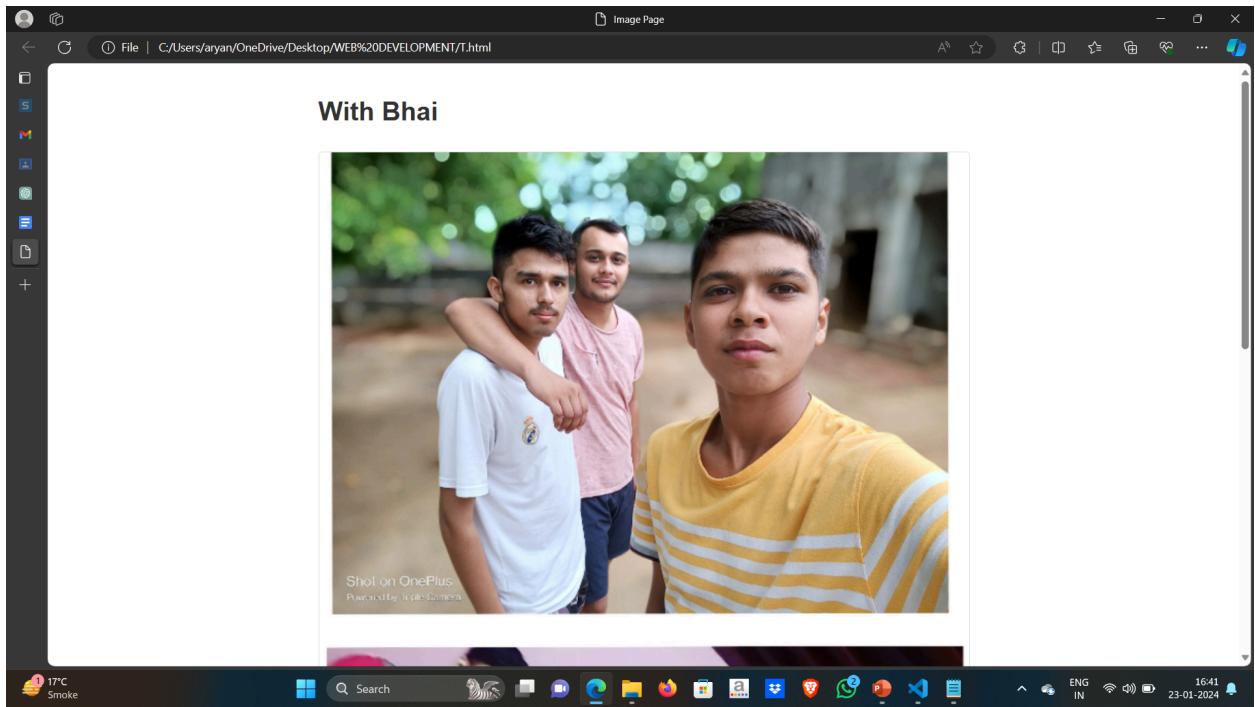
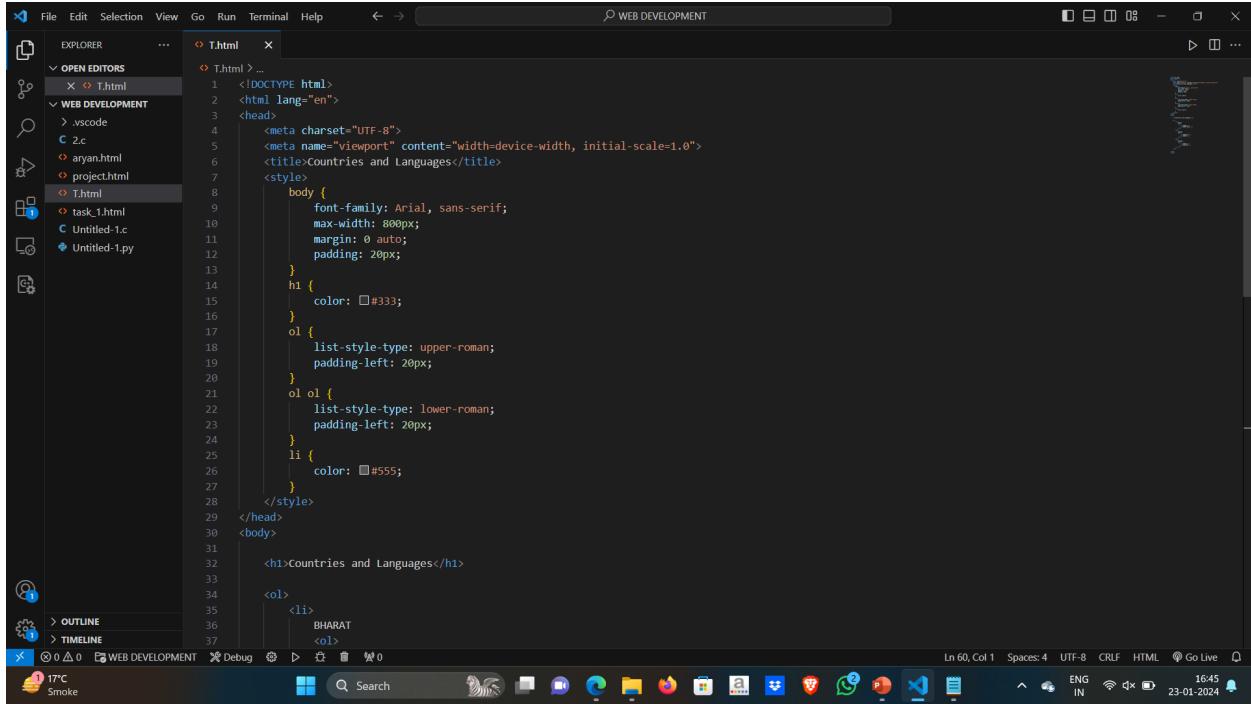


image.

T3. Make an ordered list that has capital roman numerals at the highest level and lower

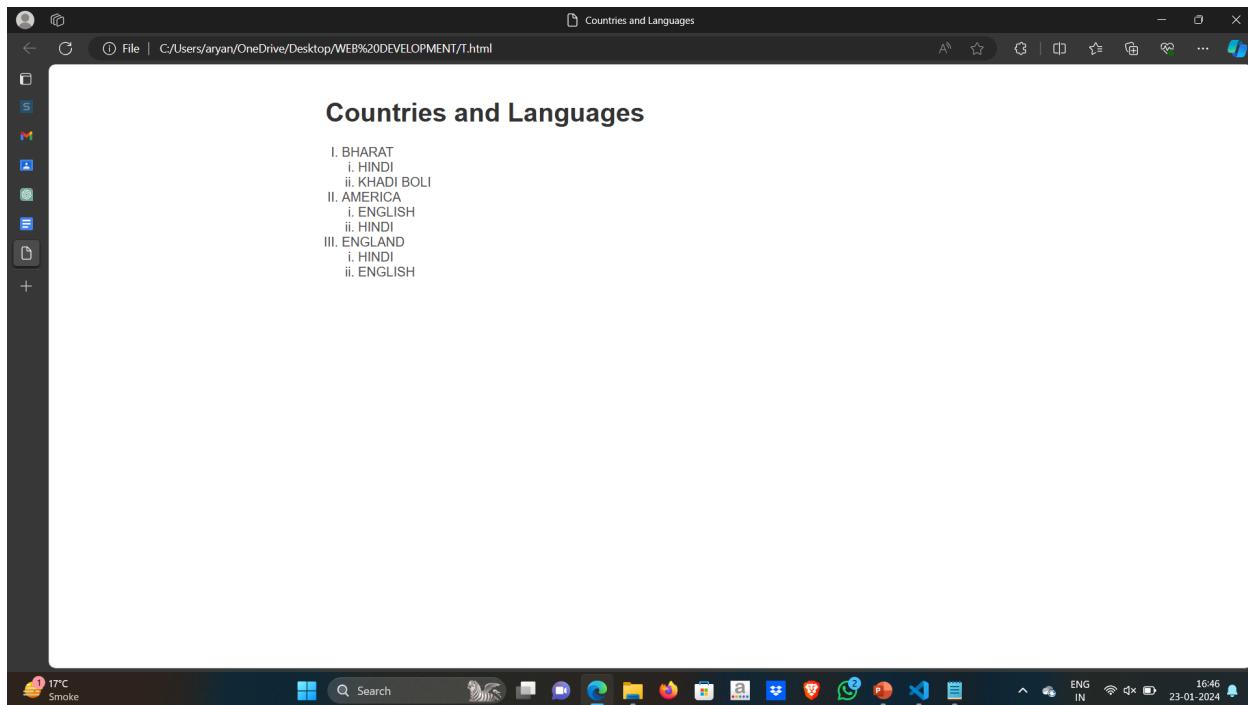
case roman numerals for the second level items. List three countries at the first level, and for each of those list two spoken languages in that country.



```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Countries and Languages</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            max-width: 800px;
            margin: 0 auto;
            padding: 20px;
        }
        h1 {
            color: #3333;
        }
        ol {
            list-style-type: upper-roman;
            padding-left: 20px;
        }
        ol ol {
            list-style-type: lower-roman;
            padding-left: 20px;
        }
        li {
            color: #5555;
        }
    </style>
</head>
<body>
    <h1>Countries and Languages</h1>
    <ol>
        <li>BHARAT
            <ol>
                <li>HINDI</li>
                <li>ENGLISH</li>
            </ol>
        </li>
        <li>INDIA</li>
        <li>USA</li>
    </ol>
</body>

```

```
<html>
  <head>
    <title>Countries and Languages</title>
  </head>
  <body>
    <h1>Countries and Languages</h1>
    <ol>
      <li>
        BHARAT
        <ol>
          <li>HINDI</li>
          <li>KHADI BOLI</li>
        </ol>
      </li>
      <li>
        AMERICA
        <ol>
          <li>ENGLISH</li>
          <li>HINDI</li>
        </ol>
      </li>
      <li>
        ENGLAND
        <ol>
          <li>HINDI</li>
          <li>ENGLISH</li>
        </ol>
      </li>
    </ol>
  </body>
</html>
```



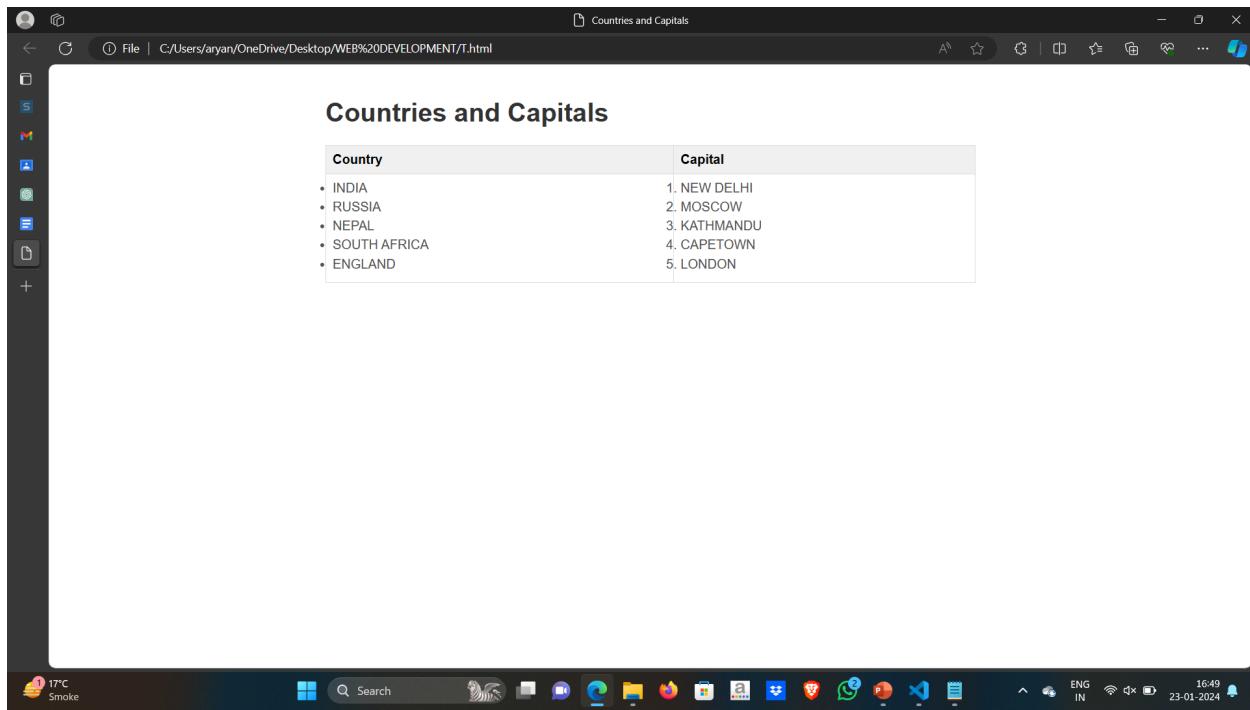
T4. Make a webpage that uses a table to create two columns. In the left column should be a bulleted list of 5 countries. In the right column should be a numbered list of capitals of

those countries.

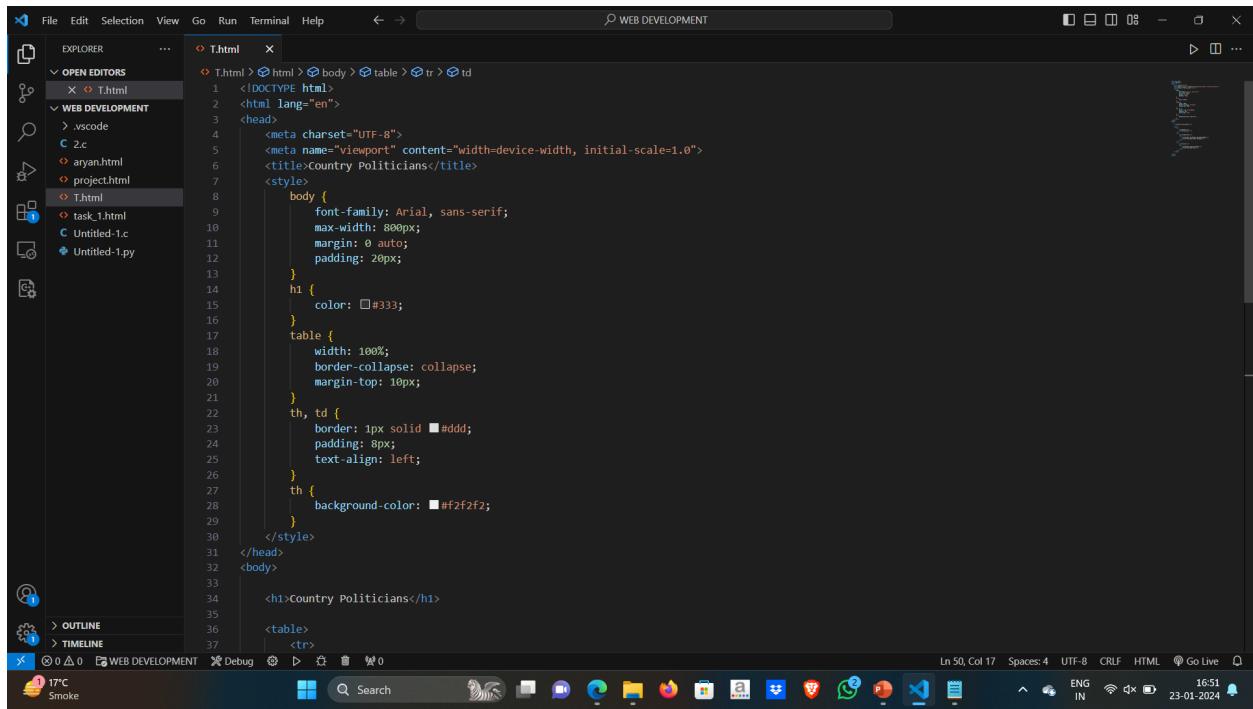
The screenshot shows the Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Search Bar:** WEB DEVELOPMENT.
- Left Sidebar (Explorer):**
 - OPEN EDITORS: T.html (highlighted).
 - WEB DEVELOPMENT:
 - .vscode
 - C 2.c
 - aryanhtml
 - projecthtml
 - T.html (highlighted)
 - task_1.html
 - Untitled-1.c
 - Untitled-1.py
- Central Area (Editor):** The code editor displays the content of T.html, which is an HTML document with CSS styling for a table and list items.
- Bottom Status Bar:** Ln 61, Col 39, Spaces: 4, UTF-8, CRLF, HTML, Go Live, 17°C, Smoke.
- Bottom Icons:** A row of small icons representing various tools and services.

```
<html>
  <head>
    <style>
      body {
        font-family: sans-serif;
      }
      table {
        border-collapse: collapse;
      }
      th {
        text-align: left;
        padding: 8px;
      }
      td {
        padding: 8px;
      }
      ul {
        list-style-type: none;
        padding-left: 0;
      }
      ol {
        list-style-type: none;
        padding-left: 0;
      }
      li {
        margin-bottom: 4px;
      }
    </style>
  </head>
  <body>
    <h1>Countries and Capitals</h1>
    <table>
      <thead>
        <tr>
          <th>Country</th>
          <th>Capital</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>
            <ul>
              <li>INDIA</li>
              <li>RUSSIA</li>
              <li>NEPAL</li>
              <li>SOUTH AFRICA</li>
              <li>ENGLAND</li>
            </ul>
          </td>
          <td>
            <ol>
              <li>NEW DELHI</li>
              <li>MOSCOW</li>
              <li>KATHMANDU</li>
              <li>CAPE TOWN</li>
              <li>LONDON</li>
            </ol>
          </td>
        </tr>
      </tbody>
    </table>
  </body>
</html>
```



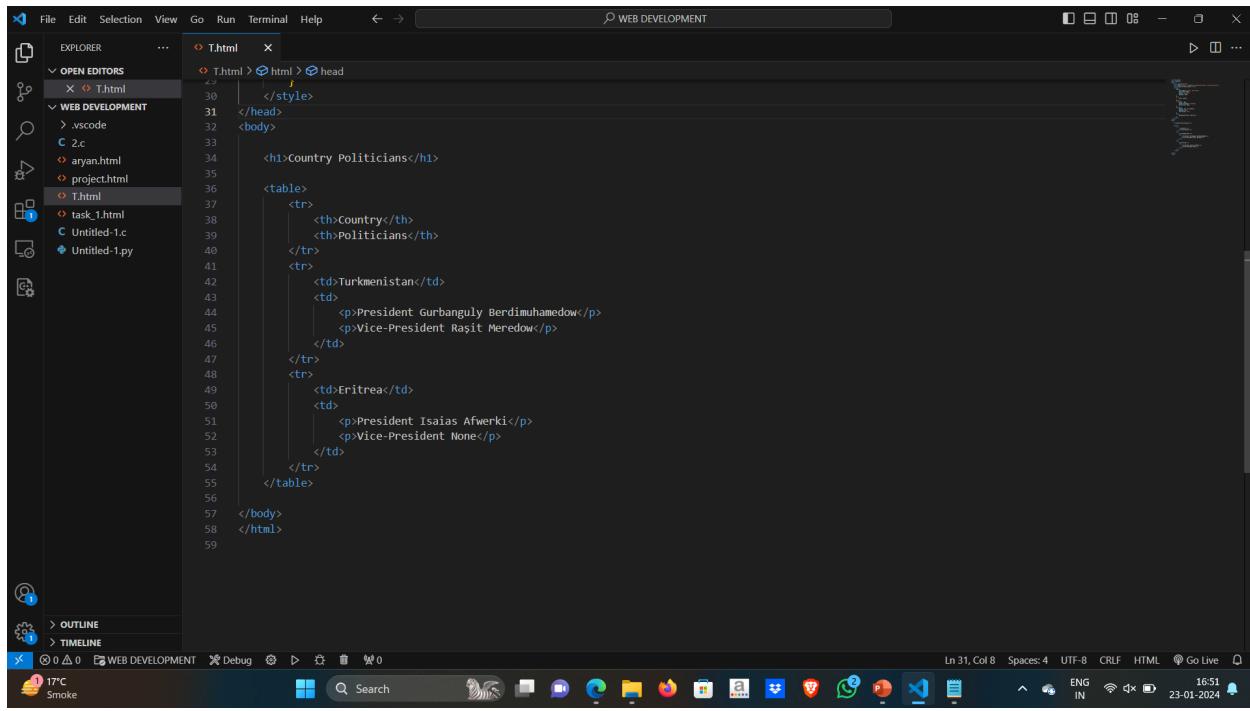
T5. Make a table that looks like this:



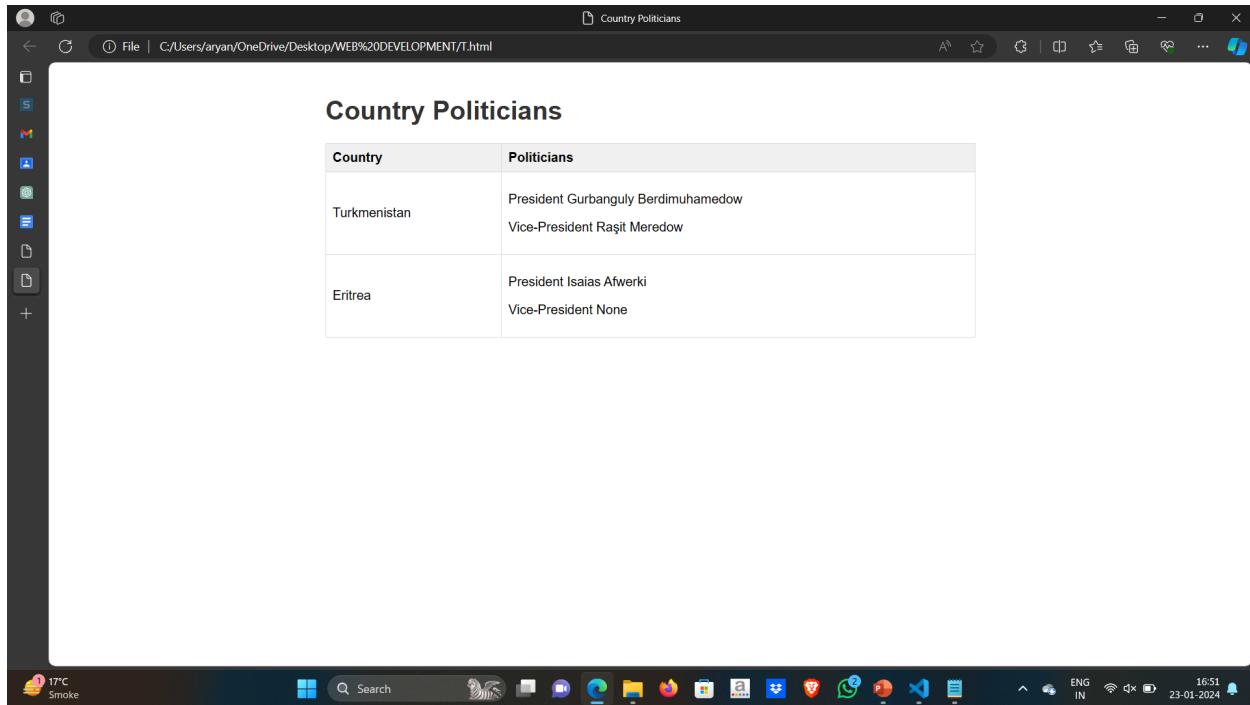
The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows open files: T.html, .vscode, 2.c, aryan.html, project.html, task_1.html, Untitled-1.c, and Untitled-1.py.
- Editor:** The main editor pane displays the HTML and CSS code for a table. The CSS is contained within a `<style>` block.
- Bottom Status Bar:** Shows the file path as "T.html", line 50, column 17, spaces: 4, encoding as UTF-8, and CRLF.
- Taskbar:** Includes icons for Search, Task View, File Explorer, Command Palette, and other development tools.
- System Tray:** Shows the date and time as 23-01-2024 16:51.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Country Politicians</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            max-width: 800px;
            margin: 0 auto;
            padding: 20px;
        }
        h1 {
            color: #333;
        }
        table {
            width: 100%;
            border-collapse: collapse;
            margin-top: 10px;
        }
        th, td {
            border: 1px solid #ddd;
            padding: 8px;
            text-align: left;
        }
        th {
            background-color: #f2f2f2;
        }
    </style>
</head>
<body>
    <h1>Country Politicians</h1>
    <table>
        <tr>
```



```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html>
<html>
    <head>
        <style>
            table {
                border-collapse: collapse;
            }
            th {
                border-bottom: 1px solid black;
            }
            td {
                border-top: 1px solid black;
                padding: 5px;
            }
            td:first-child {
                border-left: 1px solid black;
            }
            td:last-child {
                border-right: 1px solid black;
            }
        </style>
    </head>
    <body>
        <h1>Country Politicians</h1>
        <table>
            <thead>
                <tr>
                    <th>Country</th>
                    <th>Politicians</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td>Turkmenistan</td>
                    <td>
                        <p>President Gurbanguly Berdimuhamedow</p>
                        <p>Vice-President Raşit Meredow</p>
                    </td>
                </tr>
                <tr>
                    <td>Eritrea</td>
                    <td>
                        <p>President Isaias Afwerki</p>
                        <p>Vice-President None</p>
                    </td>
                </tr>
            </tbody>
        </table>
    </body>
</html>
```



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

A screenshot of the Visual Studio Code (VS Code) interface, specifically set up for web development. The title bar reads "WEB DEVELOPMENT".

The left sidebar shows the "EXPLORER" view with the following file structure:

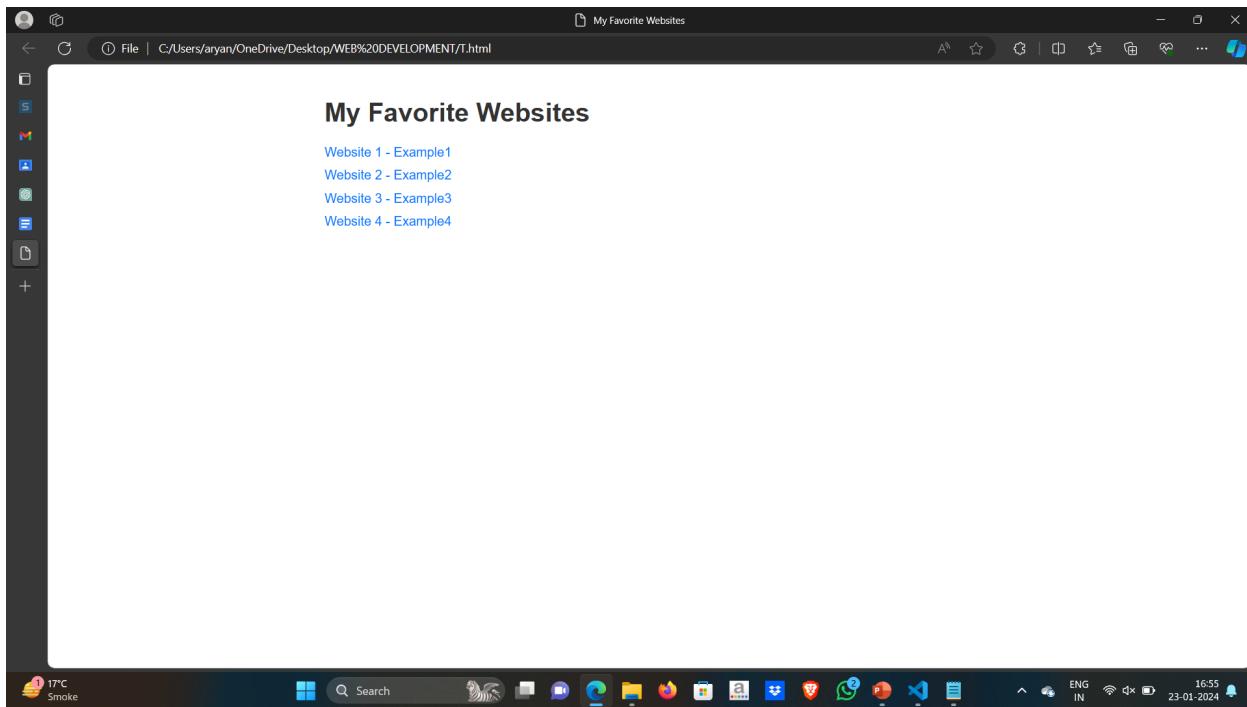
- OPEN EDITORS
- WEB DEVELOPMENT
 - .vscode
 - 2.c
 - aryan.html
 - project.html
 - T.html
 - task_1.html
 - Untitled-1.c
 - Untitled-1.py

The main editor area displays the content of the "T.html" file:

```
<!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: Arial, sans-serif;
        max-width: 800px;
        margin: 0 auto;
        padding: 20px;
      }
      h1 {
        color: #3333;
      }
      ul {
        list-style-type: none;
        padding: 0;
      }
      li {
        color: #5555;
        margin-bottom: 10px;
      }
      a {
        color: #007bff;
        text-decoration: none;
      }
      a:hover {
        text-decoration: underline;
      }
    </style>
  </head>
  <body>
    <h1>My Favorite Websites</h1>
  </body>
</html>
```

The status bar at the bottom provides information about the file: "Ln 31, Col 10 Spaces: 4 UTF-8 CRLF HTML". It also shows system status like "17°C Smoke", a search bar, and various icons for file operations and extensions.

```
<head>
  <style>
    a:link {
      color: #007bff;
      text-decoration: none;
    }
    a:hover {
      text-decoration: underline;
    }
  </style>
</head>
<body>
  <h1>My Favorite Websites</h1>
  <ul>
    <li><a href="C:/Users/aryan/OneDrive/Pictures/Acer Wallpaper 02_3840x2400.jpg" target="_blank">Website 1 - Example1</a></li>
    <li><a href="C:/Users/aryan/OneDrive/Pictures/bhai.jpg" target="_blank">Website 2 - Example2</a></li>
    <li><a href="C:/Users/aryan/OneDrive/Pictures/home 2.jpg" target="_blank">Website 3 - Example3</a></li>
    <li><a href="C:/Users/aryan/OneDrive/Pictures/home 1.jpg" target="_blank">Website 4 - Example4</a></li>
  </ul>
</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.

The screenshot shows the Visual Studio Code interface with the following details:

- File Menu:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Search Bar:** WEB DEVELOPMENT.
- Explorer View:** Shows files in the .vscode folder (aryan.html, project.html, T.html), task_1.html, Untitled-1.c, and Untitled-1.py.
- Editor View:** The T.html file is open, displaying the following code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Scroll to Top</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            max-width: 800px;
            margin: 0 auto;
            padding: 20px;
        }
        h1 {
            color: #333;
        }
        p {
            color: #555;
        }
        #scrollToTop {
            display: none;
            position: fixed;
            bottom: 20px;
            right: 20px;
            background-color: #007bff;
            color: #fff;
            padding: 10px;
            border-radius: 5px;
            cursor: pointer;
            text-decoration: none;
        }
        #scrollToTop:hover {
            background-color: #0056b3;
        }
    </style>
</head>
<body>
```

The status bar at the bottom indicates: Ln 64, Col 16, Spaces: 4, UTF-8, CRLF, HTML, Go Live, 17°C, Smoke, 16:57, ENG IN, 23-01-2024.

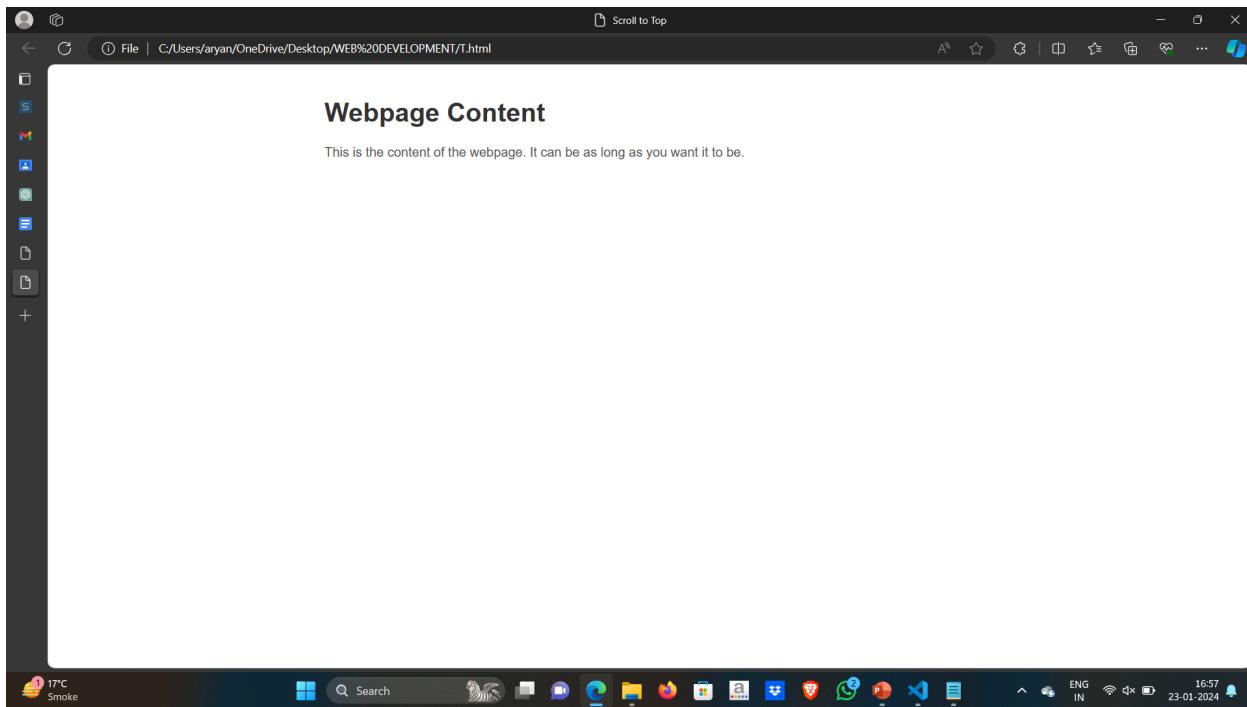
A screenshot of the Visual Studio Code (VS Code) interface. The title bar says "WEB DEVELOPMENT". The left sidebar shows an "EXPLORER" view with files like ".vscode", "2.c", "aryan.html", "project.html", "T.html", "task_1.html", "Untitled-1.c", and "Untitled-1.py". The main editor area displays the following HTML and JavaScript code:

```
<html>
<head>
</head>
<body>
<h1>Webpage Content</h1>
<p>This is the content of the webpage. It can be as long as you want it to be.</p>
<!-- Add more content here if needed -->
<a href="#" id="scrollToTop">Scroll to Top</a>
<script>
// JavaScript to handle scrolling to the top
document.addEventListener('DOMContentLoaded', function() {
  var scrollToTopButton = document.getElementById('scrollToTop');

  // Show/hide the "Scroll to Top" button based on scroll position
  window.onscroll = function() {
    if (document.body.scrollTop > 20 || document.documentElement.scrollTop > 20) {
      scrollToTopButton.style.display = "block";
    } else {
      scrollToTopButton.style.display = "none";
    }
  };

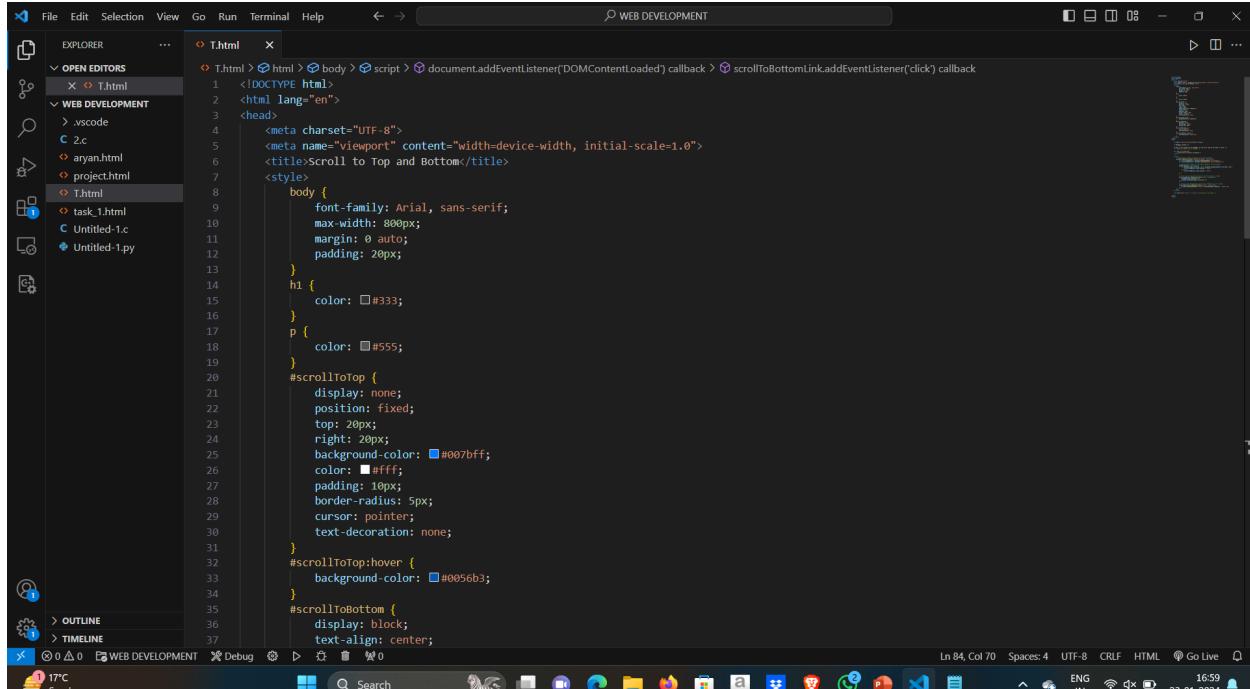
  // Scroll to the top when the button is clicked
  scrollToTopButton.addEventListener('click', function() {
    document.body.scrollTop = 0;
    document.documentElement.scrollTop = 0;
  });
});
</script>
</body>
</html>
```

The status bar at the bottom shows "Ln 64, Col 16" and "16:57 23-01-2024".

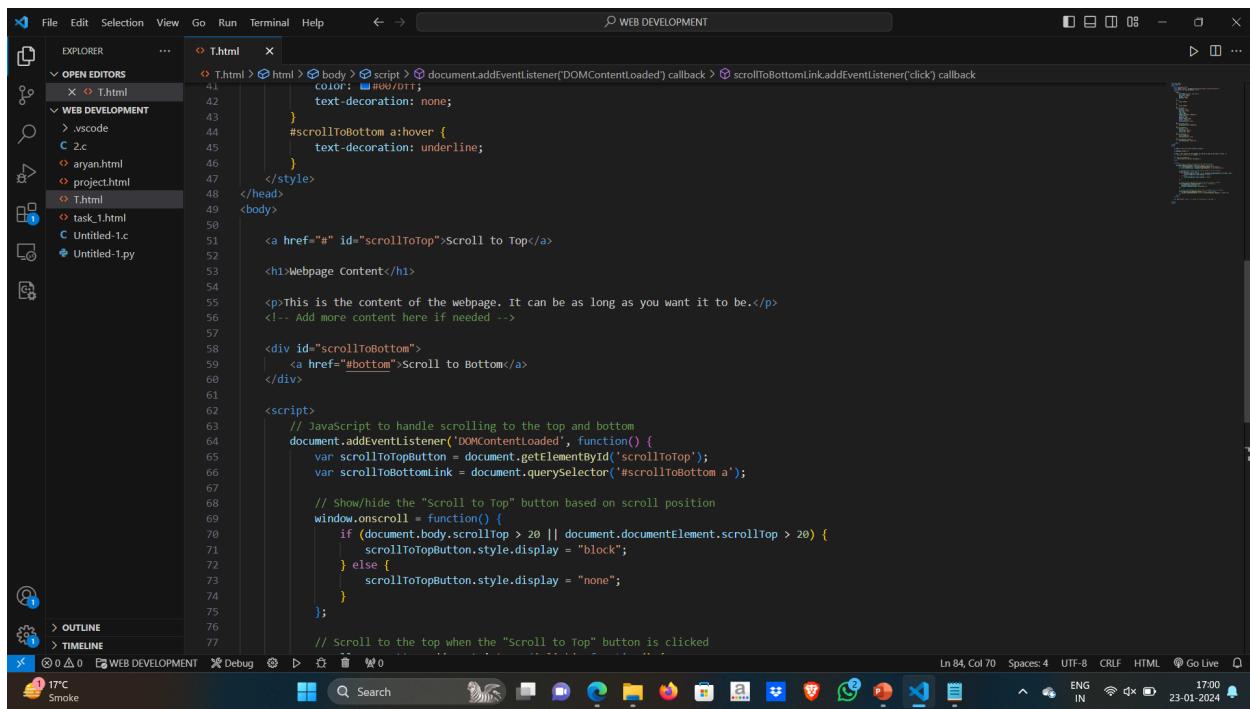


T8. Make a webpage with a link at the top of it that when clicked will jump all the way to

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>Scroll to Top and Bottom</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            max-width: 800px;
            margin: 0 auto;
            padding: 20px;
        }
        h1 {
            color: #3333;
        }
        p {
            color: #5555;
        }
        #scrollToTop {
            display: none;
            position: fixed;
            top: 20px;
            right: 20px;
            background-color: #007bff;
            color: #fff;
            padding: 10px;
            border-radius: 5px;
            cursor: pointer;
            text-decoration: none;
        }
        #scrollToTop:hover {
            background-color: #0056b3;
        }
        #scrollToBottom {
            display: block;
            text-align: center;
        }
    </style>
<script>
    document.addEventListener('DOMContentLoaded', callback);
    scrollToBottomLink.addEventListener('click', callback);
</script>
```



```
<a href="#" id="scrollToTop">Scroll to Top</a>
<h1>Webpage Content</h1>
<p>This is the content of the webpage. It can be as long as you want it to be.</p>
<!-- Add more content here if needed -->
<div id="scrollToBottom">
    <a href="#bottom">Scroll to Bottom</a>
</div>
<script>
    // JavaScript to handle scrolling to the top and bottom
    document.addEventListener('DOMContentLoaded', function() {
        var scrollTopButton = document.getElementById('scrollToTop');
        var scrollToBottomLink = document.querySelector('#scrollToBottom a');

        // Show/hide the "Scroll to Top" button based on scroll position
        window.onscroll = function() {
            if (document.body.scrollTop > 20 || document.documentElement.scrollTop > 20) {
                scrollTopButton.style.display = "block";
            } else {
                scrollTopButton.style.display = "none";
            }
        };
        // Scroll to the top when the "Scroll to Top" button is clicked
        scrollToBottomLink.addEventListener('click', function() {
            window.scrollTo(0, 0);
        });
    });
</script>
```

The screenshot shows the Visual Studio Code interface with a dark theme. The left sidebar has sections for 'EXPLORER' and 'OPEN EDITORS'. Under 'OPEN EDITORS', there is a file named 'T.html'. The main editor area displays the following HTML and JavaScript code:

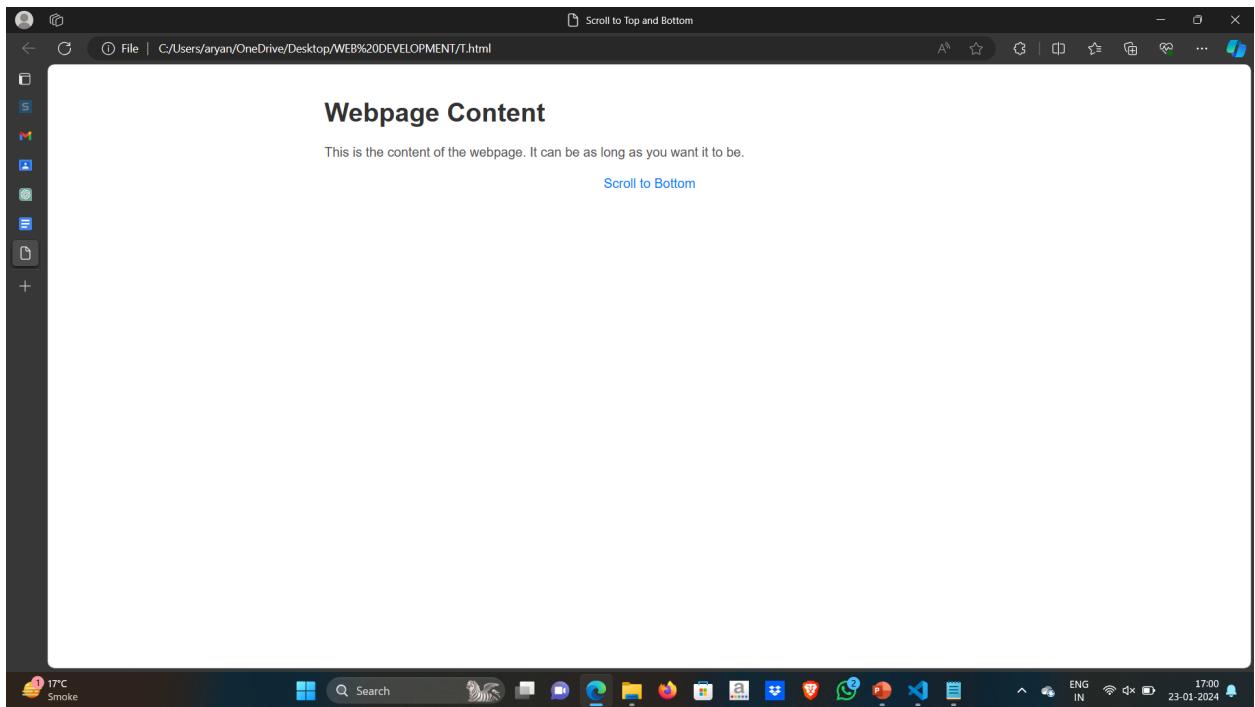
```
<html><body><script>window.onload = function() {
    if (document.body.scrollTop > 20 || document.documentElement.scrollTop > 20) {
        scrollTopButton.style.display = "block";
    } else {
        scrollTopButton.style.display = "none";
    }
};

// Scroll to the top when the "Scroll to Top" button is clicked
scrollTopButton.addEventListener('click', function() {
    document.body.scrollTop = 0;
    document.documentElement.scrollTop = 0;
});

// Scroll to the bottom when the "Scroll to Bottom" link is clicked
scrollToBottomLink.addEventListener('click', function() {
    document.getElementById('bottom').scrollIntoView({ behavior: 'smooth' });
});
</script>

<div id="bottom"></div> <!-- Anchor at the bottom of the page -->
</body>
</html>
```

The status bar at the bottom shows 'Ln 84, Col 70' and other system information.



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

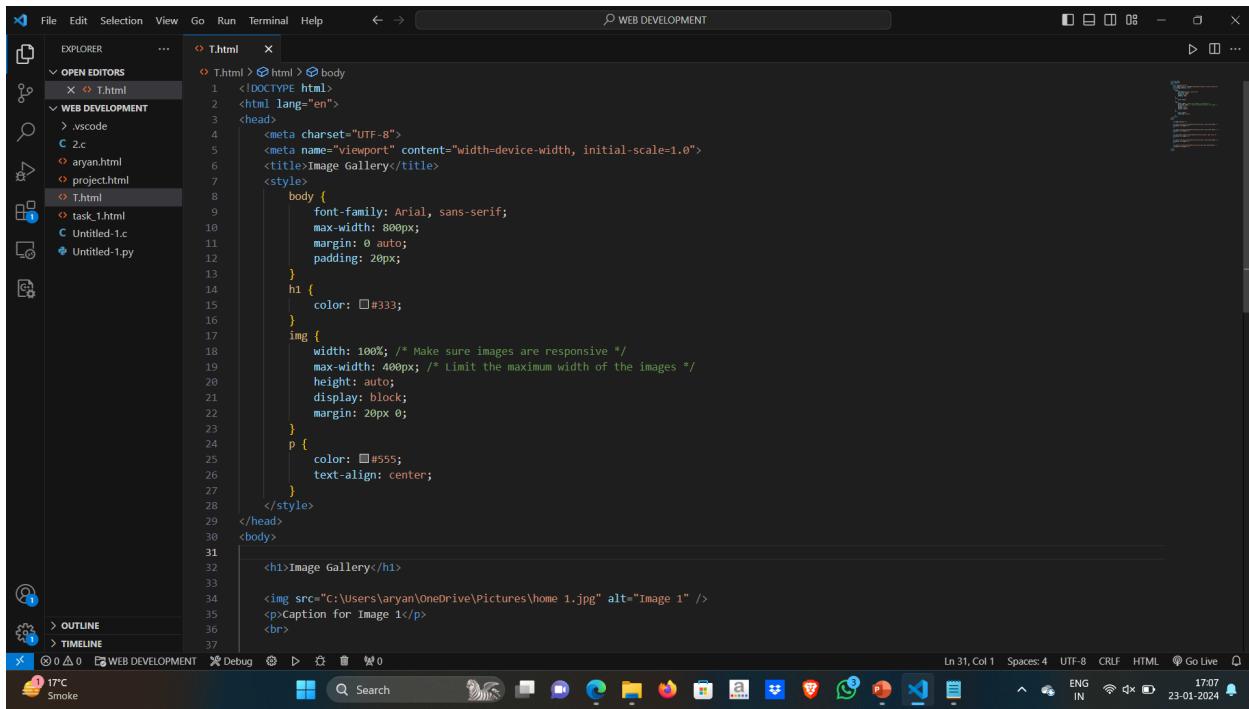
of 200.

The image shows a Windows desktop environment with two windows open side-by-side. The left window is a code editor, likely Visual Studio Code, with a dark theme. It displays an HTML file named 'T.html' in the center pane. The code includes a title 'Image with Border', a style section with CSS rules for the body, h1, and img tags, and an image tag pointing to a local file 'home 1.jpg'. The right window is a web browser, Microsoft Edge, showing the rendered HTML page. The page has a title 'Image with Border' and contains three images of people. The browser interface includes a toolbar at the top and a taskbar at the bottom with various pinned icons.

```
<!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>
    <style>
      body {
        font-family: Arial, sans-serif;
        max-width: 800px;
        margin: 0 auto;
        padding: 20px;
      }
      h1 {
        color: #333;
      }
      img {
        border: 2px solid #333;
        width: 200px;
        height: 200px;
        display: block; /* Remove extra space below the image */
        margin: 20px 0; /* Add some margin for better spacing */
      }
    </style>
  </head>
  <body>
    <h1>Image with Border</h1>
    
  </body>
</html>
```

T10. Make a webpage with five different images. Skip two lines between each image (Use

 tag). Each image should have a caption.

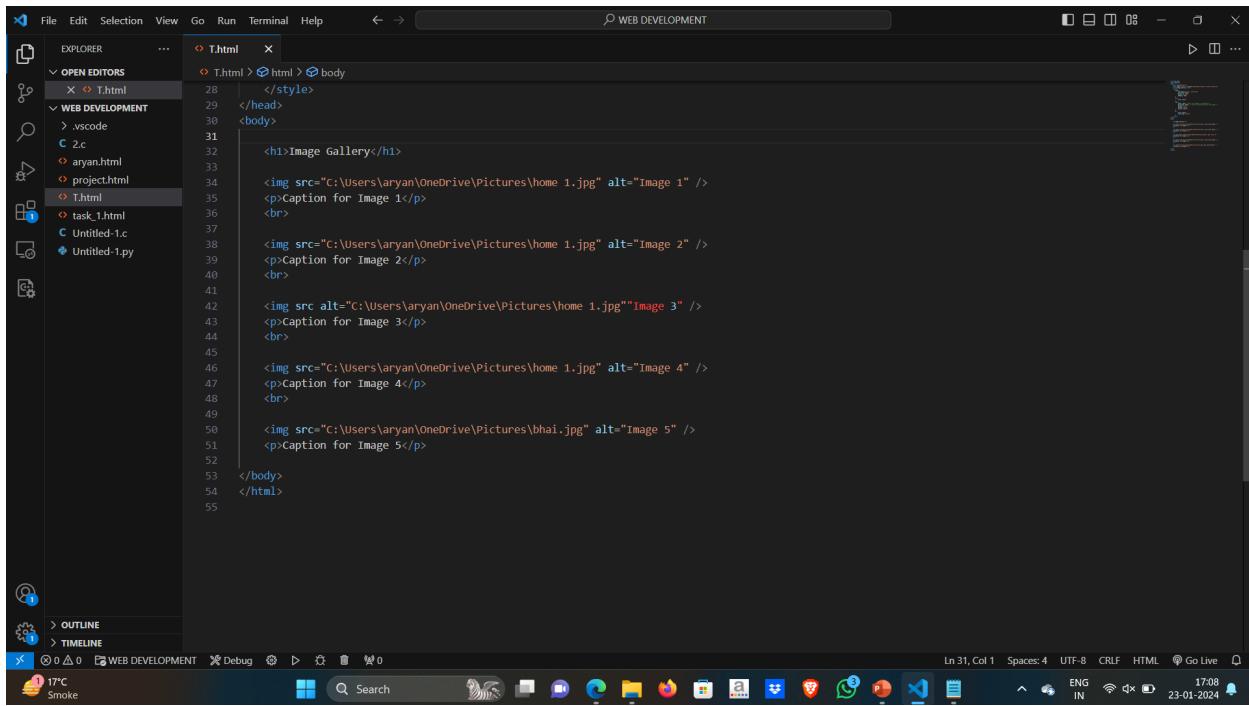


The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows files in the workspace, including .vscode, 2.c, aryan.html, project.html, and T.html.
- Editor:** Displays the content of T.html. The code includes a CSS style block and an H1 heading followed by an image and its caption, separated by a
 tag.
- Bottom Bar:** Includes icons for search, file operations, and various extensions like GitHub, Git, and others.
- Status Bar:** Shows the file path as T.html, line 31, column 1, and other settings like spaces: 4, CRLF, and HTML.

```
<!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>
    <style>
        body {
            font-family: Arial, sans-serif;
            max-width: 800px;
            margin: 0 auto;
            padding: 20px;
        }
        h1 {
            color: #333;
        }
        img {
            width: 100%; /* Make sure images are responsive */
            max-width: 400px; /* Limit the maximum width of the images */
            height: auto;
            display: block;
            margin: 20px 0;
        }
        p {
            color: #555;
            text-align: center;
        }
    </style>
</head>
<body>
    <h1>Image Gallery</h1>
    
    <p>Caption for Image 1</p>
    <br>

```



The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows files in the workspace, including .vscode, 2.c, aryan.html, project.html, and T.html.
- Editor:** Displays the content of T.html. The code now includes five images, each with a caption and a
 tag separating them.
- Bottom Bar:** Includes icons for search, file operations, and various extensions like GitHub, Git, and others.
- Status Bar:** Shows the file path as T.html, line 31, column 1, and other settings like spaces: 4, CRLF, and HTML.

```
<h1>Image Gallery</h1>

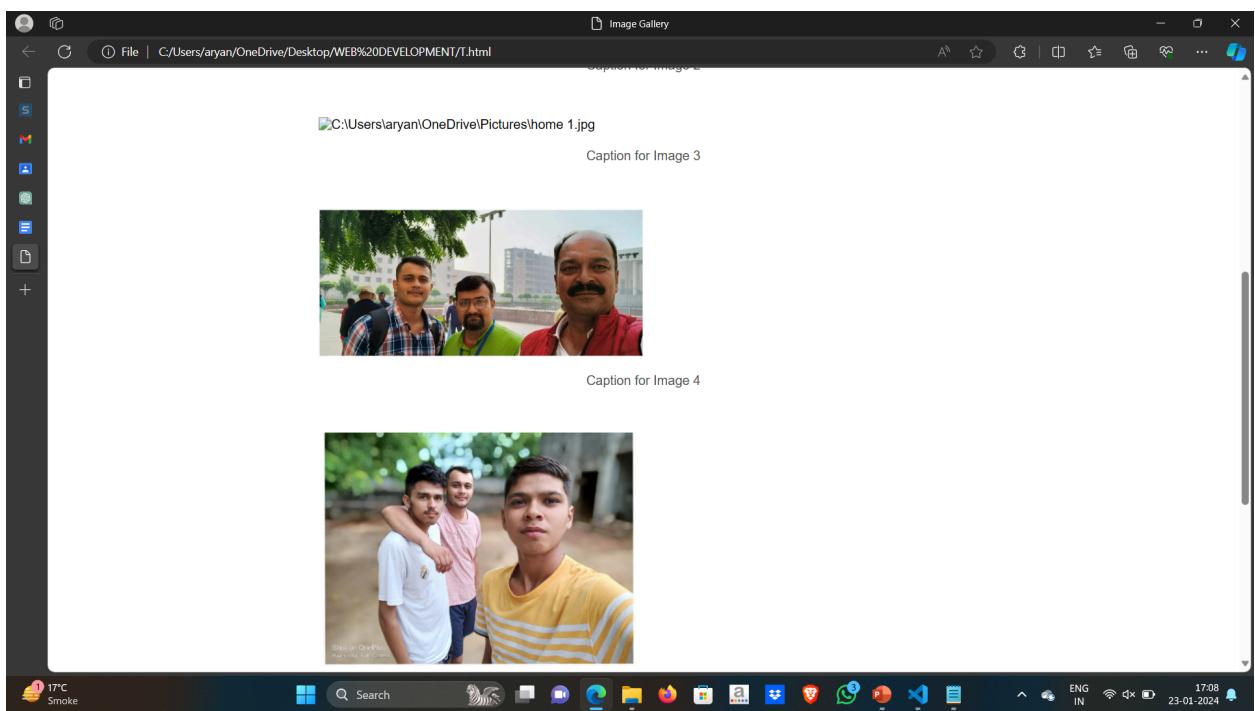
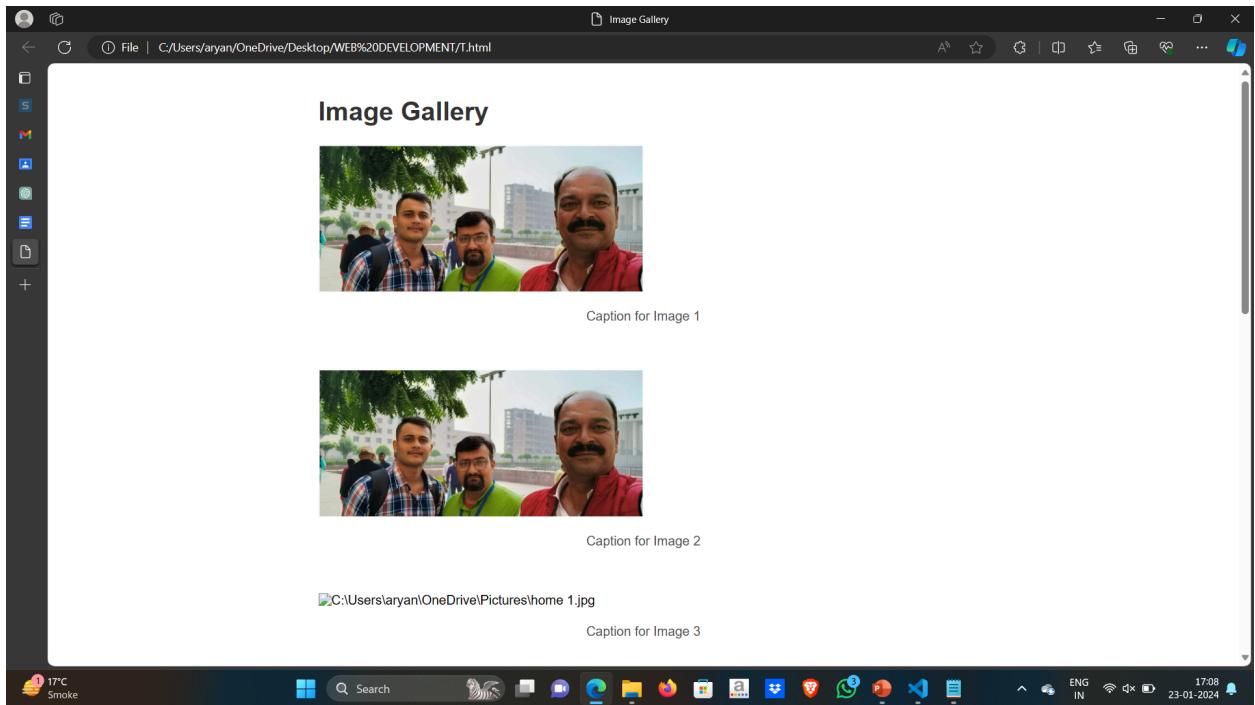
<p>Caption for Image 1</p>
<br>

<p>Caption for Image 2</p>
<br>

<p>Caption for Image 3</p>
<br>

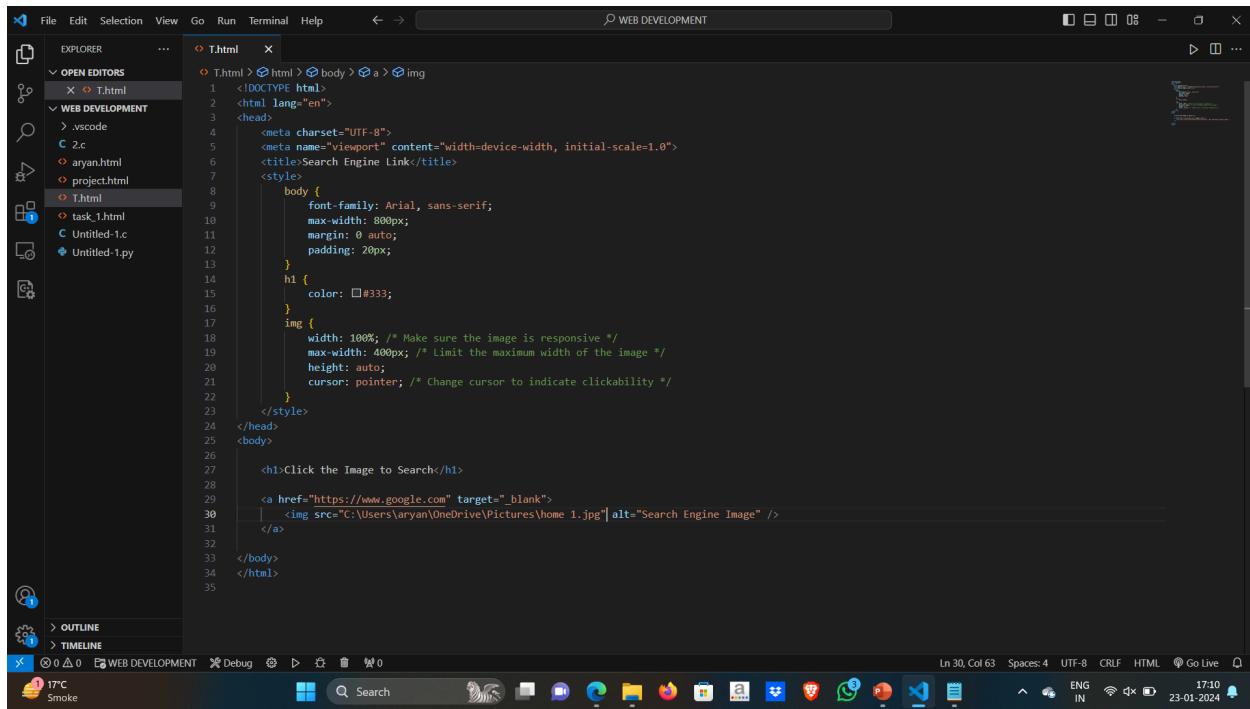
<p>Caption for Image 4</p>
<br>

<p>Caption for Image 5</p>
```



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 Engine Link</title>
    <style>
      body {
        font-family: Arial, sans-serif;
        max-width: 800px;
        margin: 0 auto;
        padding: 20px;
      }
      h1 {
        color: #333;
      }
      img {
        width: 100%; /* Make sure the image is responsive */
        max-width: 400px; /* Limit the maximum width of the image */
        height: auto;
        cursor: pointer; /* Change cursor to indicate clickability */
      }
    </style>
  </head>
  <body>
    <h1>Click the Image to Search</h1>
    <a href="https://www.google.com" target="_blank">
      
    </a>
  </body>
</html>
```

