**HTML Assignments**

1. **Create a static webpage using table tags of HTML.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Static Webpage with Table</title>

</head>

<body>

    <h2 style="text-decoration: underline;">Employee Details</h2>

    <table border = "4" cellpadding = "5" cellspacing = "5" style="border-color: cadetblue; box-shadow: 3px 3px 3px gray;">

        <header>

            <tr>

                <td colspan="4" style="background-color: rgb(255, 191, 0); text-align: center; font-weight: bold;">This is the heading of this table</td>

            </tr>

        </header>

        <tr style="background-color: greenyellow;">

            <th>ID</th>

            <th>Name</th>

            <th>Department</th>

            <th>Salary</th>

        </tr>

        <tr style="background-color: yellow;">

            <td>101</td>

            <td>John Doe</td>

            <td>IT</td>

            <td>$5000</td>

        </tr>

        <tr style="background-color: yellow;">

            <td>102</td>

            <td>Jane Smith</td>

            <td>HR</td>

            <td>$4500</td>

        </tr>

        <tr style="background-color: yellow;">

            <td>103</td>

            <td>Sam Wilson</td>

            <td>Finance</td>

            <td>$5500</td>

        </tr>

        <tr style="background-color: rgb(0, 238, 255); color: brown;">

            <td colspan="3">Total Salary</td>

            <td>$15000</td>

        </tr>

        <footer>

            <tr>

                <td colspan="4" style="font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif; text-align: center; background-color: rgb(215, 182, 97);">This is the footer of this table</td>

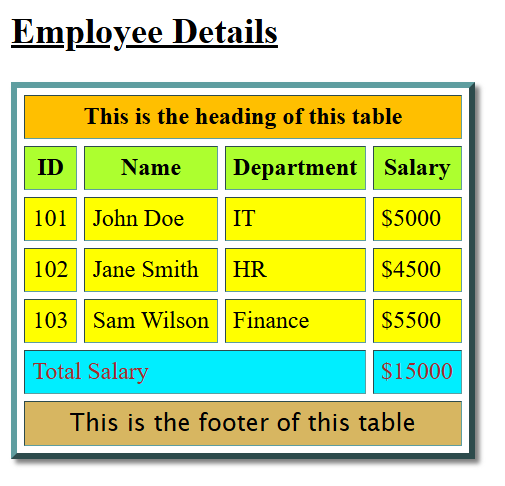
            </tr>

        </footer>

    </table>

</body>

</html>



1. **Create a static web page which defines all text formatting tags of HTML in tabular format.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>HTML Text Formatting Tags</title>

</head>

<body>

    <h2 style="text-decoration: underline;">HTML Text Formatting Tags</h2>

    <table border = "4" cellpadding = "5" cellspacing = "5" style="border-color: cadetblue; box-shadow: 3px 3px 3px gray;">

        <tr>

            <th>Tag</th>

            <th>Description</th>

            <th>Example</th>

        </tr>

        <tr>

            <td>&lt;b&gt;</td>

            <td>Bold Text</td>

            <td><b>Bold</b></td>

        </tr>

        <tr>

            <td>&lt;i&gt;</td>

            <td>Italic Text</td>

            <td><i>Italic</i></td>

        </tr>

        <tr>

            <td>&lt;u&gt;</td>

            <td>Underlined Text</td>

            <td><u>Underlined</u></td>

        </tr>

        <tr>

            <td>&lt;small&gt;</td>

            <td>Small Text</td>

            <td><small>Small</small></td>

        </tr>

        <tr>

            <td>&lt;mark&gt;</td>

            <td>Highlighted Text</td>

            <td><mark>Highlighted</mark></td>

        </tr>

        <tr>

            <td>&lt;del&gt;</td>

            <td>Deleted Text</td>

            <td><del>Deleted</del></td>

        </tr>

        <tr>

            <td>&lt;sup&gt;</td>

            <td>Superscript Text</td>

            <td>2<sup>nd</sup></td>

        </tr>

        <tr>

            <td>&lt;sub&gt;</td>

            <td>Subscript Text</td>

            <td>H<sub>2</sub>O</td>

        </tr>

        <tr>

            <td>&lt;code&gt;</td>

            <td>Monospaced Code</td>

            <td><code>print("Hello World")</code></td>

        </tr>

        <tr>

            <td>&lt;blockquote&gt;</td>

            <td>Block Quotation</td>

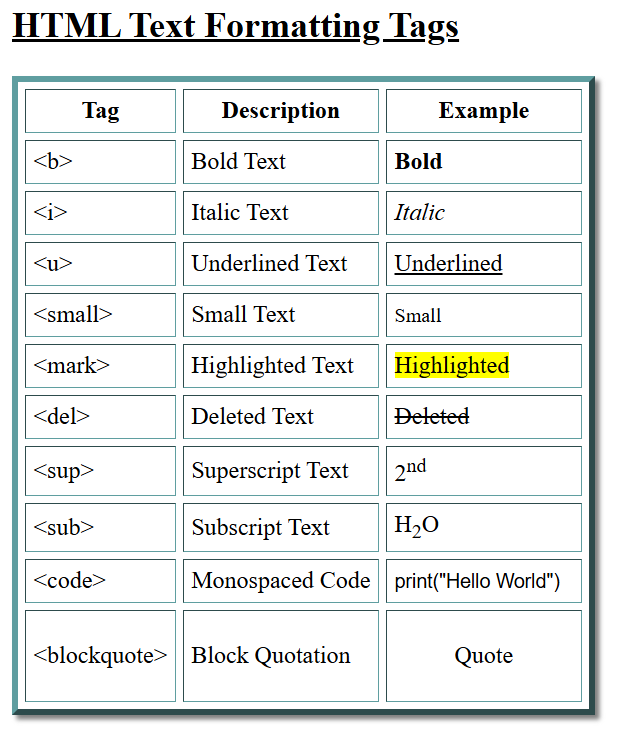
            <td><blockquote>Quote</blockquote></td>

        </tr>

    </table>

</body>

</html>



1. **Create a webpage using list tags of HTML.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>HTML List Tags</title>

</head>

<body>

    <h2 style="text-decoration: underline;

    text-shadow: 7px 3px 7px #669abc;">HTML List Tags</h2>

    <h3>Unordered List</h3>

    <ul style="list-style: lower-roman;">

        <li>Item 1</li>

        <li>Item 2</li>

        <li>Item 3</li>

        <li>Item 4</li>

    </ul>

    <h3>Ordered List</h3>

    <ol>

        <li>First Item</li>

        <li>Second Item</li>

        <li>Third Item</li>

        <li>Fourth Item</li>

    </ol>

    <h3>Nested List</h3>

    <ul>

        <li>Category 1

            <ul>

                <li>Subitem 1</li>

                <li>Subitem 2</li>

            </ul>

        </li>

        <li>Category 2

            <ul>

                <li>Subitem A</li>

                <li>Subitem B</li>

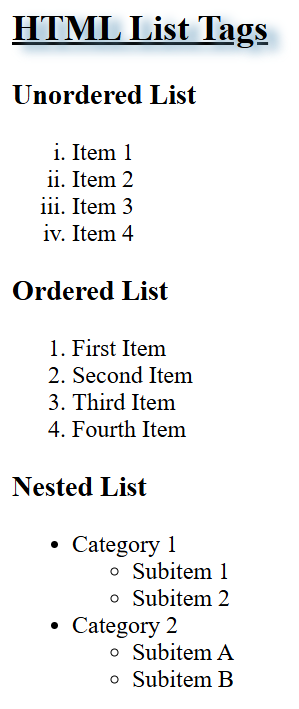
            </ul>

        </li>

    </ul>

</body>

</html>



1. **Create webpage to include image using HTML tag.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>HTML Image Tag</title>

</head>

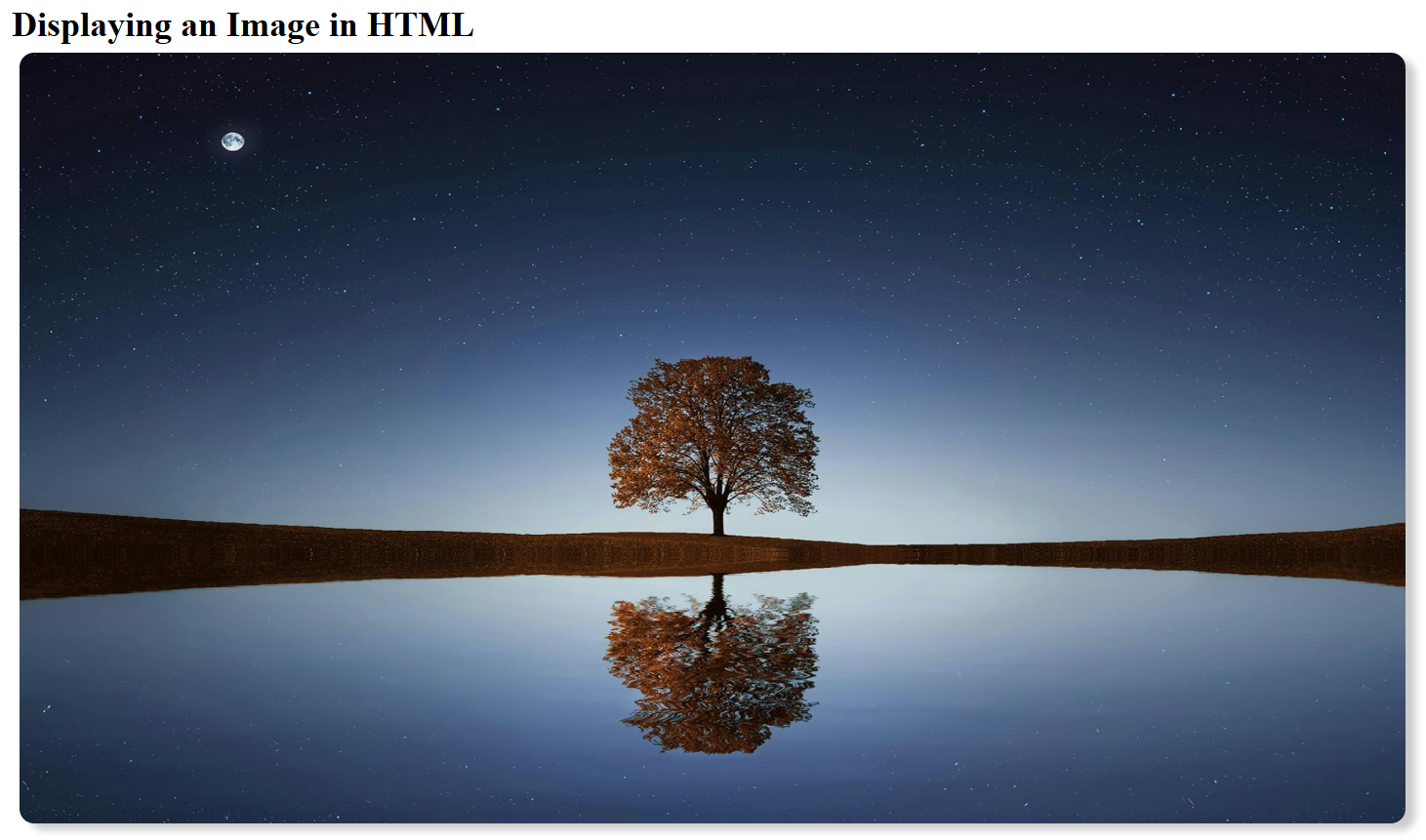
<body>

    <h2 style="margin: 0; padding: 0;">Displaying an Image in HTML</h2>

    <img src="https://images.pexels.com/photos/268533/pexels-photo-268533.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=2" alt="Sample Image" style="height: 90vh; width: 74vw; margin: 5px; box-shadow: 7px 5px 5px rgba(0, 0, 0, 0.2); border-radius: 10px;">

</body>

</html>



1. **Create employee registration webpage using HTML form objects.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Employee Registration</title>

</head>

<body>

    <h2>Employee Registration Form</h2>

    <form action="#" method="post">

        <label for="empID">Employee ID:</label>

        <input type="text" placeholder="Enter your id here" id="empID" name="empID" required><br><br>

        <label for="name">Full Name:</label>

        <input type="text" placeholder="Enter your name here" id="name" name="name" required><br><br>

        <label for="email">Email:</label>

        <input type="email" placeholder="Enter your mail id here" id="email" name="email" required><br><br>

        <label for="phone">Phone Number:</label>

        <input type="tel" placeholder="Enter your number here" id="phone" name="phone" required><br><br>

        <label for="department">Department:</label>

        <select id="department" name="department" required>

            <option value="IT">IT</option>

            <option value="HR">HR</option>

            <option value="Finance">Finance</option>

            <option value="Marketing">Marketing</option>

        </select><br><br>

        <label for="dob">Date of Birth:</label>

        <input type="date" id="dob" name="dob" required><br><br>

        <label for="gender">Gender:</label>

        <input type="radio" id="male" name="gender" value="Male" required> Male

        <input type="radio" id="female" name="gender" value="Female" required> Female

        <input type="radio" id="other" name="gender" value="Other" required> Other<br><br>

        <label for="address">Address:</label><br>

        <textarea id="address" name="address" rows="4" cols="30" required></textarea><br><br>

        <label for="resume">Upload Resume:</label>

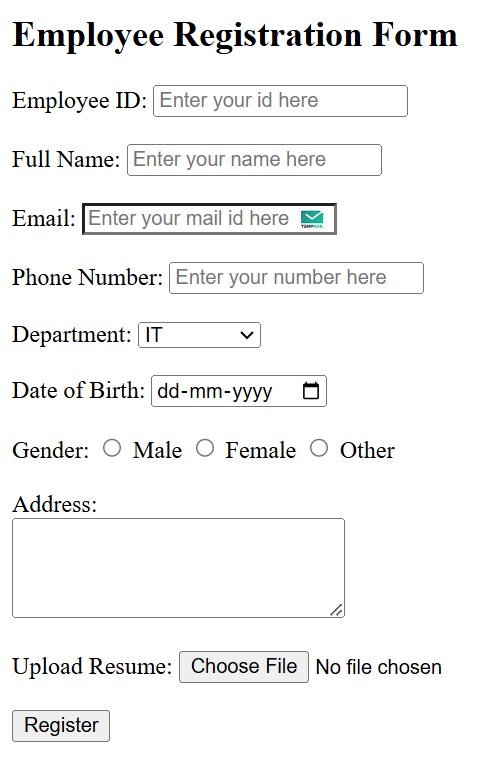
        <input type="file" id="resume" name="resume" required><br><br>

        <input type="submit" value="Register">

    </form>

</body>

</html>



1. **Create an HTML file (e.g. first\_page.html) that specifies a page that contains a heading and two paragraphs of text. Use the HTML tags <h1>, </h1>, <p> and </p> in this exercise. As the texts in the heading and paragraphs you can use any texts you like.**

* **Add an unordered list to this web page. An unordered list should look like the following when it is shown by a browser:**
  + **An unordered list can be specified with the tags <ul> and </ul>.**
  + **An unordered list typically contains a number of list items that can be specified with tags <li> and </li>.**
  + **After you have created your unordered list, check out what happens when you convert it to an ordered list by replacing the tags <ul> and </ul> with <ol> and </ol>, respectively.**
* **Add an image to your web page. In this exercise you must use the <img> tag. As an image, you can use any .jpg or .png file you find on the Internet.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>First Page</title>

</head>

<body>

    <h1>Welcome to My First Web Page</h1>

    <p>This is the first paragraph of my web page. HTML is the standard language for creating web pages and web applications.</p>

    <p>This is the second paragraph. Using HTML, you can structure content, create links, add images, and much more.</p>

    <h2>Unordered List</h2>

    <ul>

        <li>An unordered list can be specified with the tags &lt;ul&gt; and &lt;/ul&gt;.</li>

        <li>An unordered list typically contains a number of list items that can be specified with tags &lt;li&gt; and &lt;/li&gt;.</li>

        <li>After you have created your unordered list, check out what happens when you convert it to an ordered list by replacing the tags &lt;ul&gt; and &lt;/ul&gt; with &lt;ol&gt; and &lt;/ol&gt;.</li>

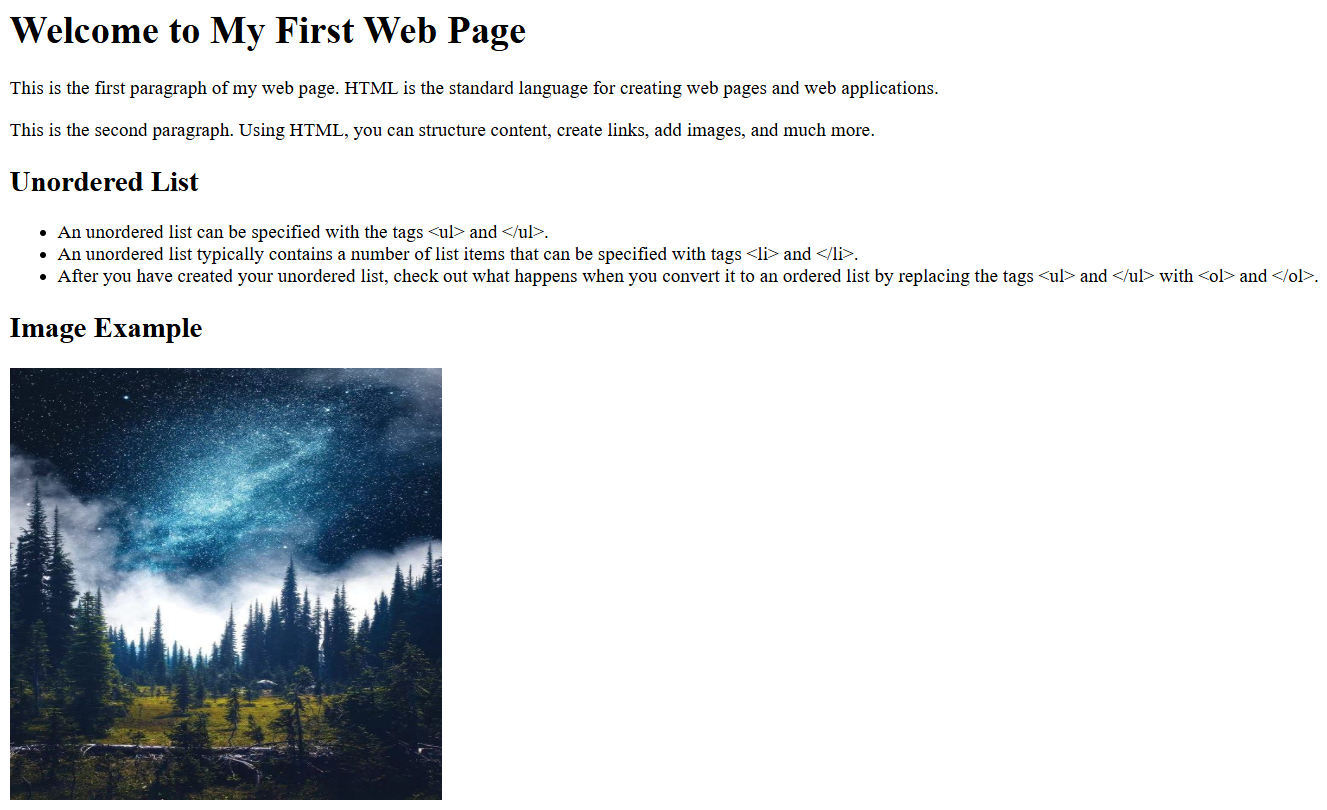
    </ul>

    <h2>Image Example</h2>

    <img src="https://i.pinimg.com/736x/e3/df/08/e3df0829f2ae192e4b3254dab3e0e396.jpg" alt="Sample Image" style="width: 360px; height: 360px;">

</body>

</html>



1. **Create another .html file that contains a heading and a couple of paragraphs. You could name this new file another\_page.html, and you should place it into the same folder where your first .html is. After you have created the new .html page, add a link to the first page so that the browser will load another\_page.html when you click the text Go to the other page. in the first page. You need to use the <a> and </a> tags in this exercise. Inside the tag <a> you need to use a href attribute that specifies which page will be loaded when the link is clicked.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Another Page</title>

</head>

<body>

    <h1>Welcome to Another Page</h1>

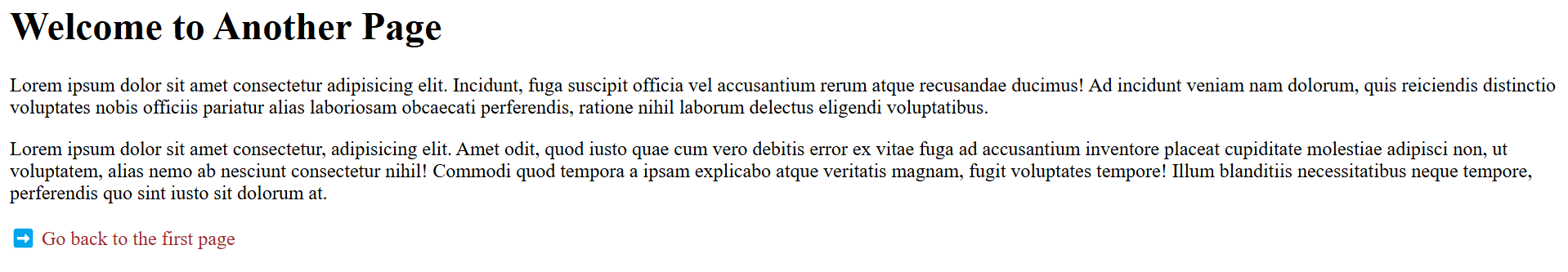
    <p>This is the first paragraph on another page.</p>

    <p>Here is a second paragraph with more content.</p>

    <a href="first.html" style="text-decoration: none; color: brown;">➡️ Go back to the first page</a>

</body>

</html>



1. **HTML tags like <a> can have certain attributes. The href attribute is mandatory in the <a> tag. Additionally it is possible to use the title attribute which specifies a text that emerges when the mouse cursor is moved above a link. This kind of text is called a tool tip. Modify the link that you created in the previous exercise so that a tool tip says "This leads you to another page." when the mouse cursor is over the link.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Another Page</title>

</head>

<body>

    <h1>Welcome to Another Page</h1>

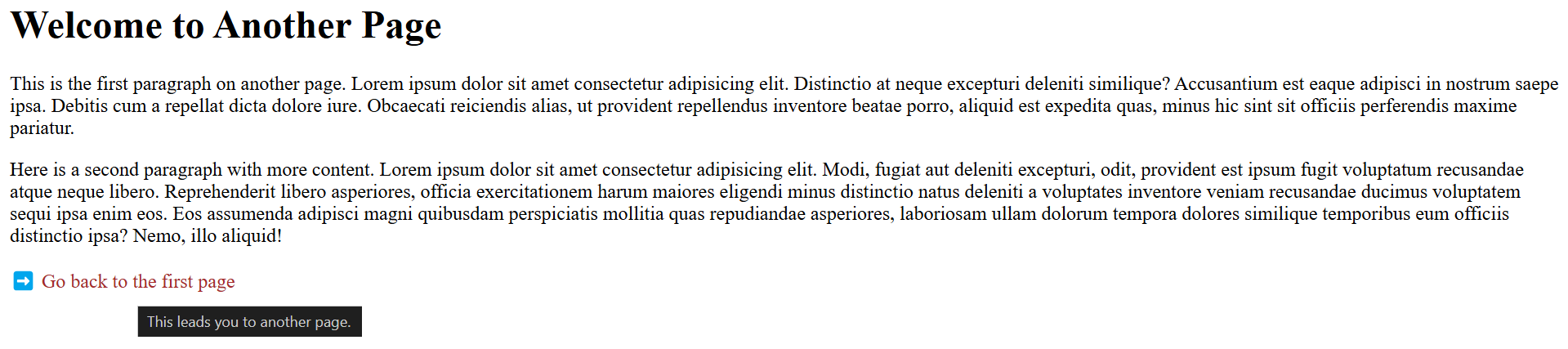
    <p>This is the first paragraph on another page. Lorem ipsum dolor sit amet consectetur adipisicing elit. Distinctio at neque excepturi deleniti similique? Accusantium est eaque adipisci in nostrum saepe ipsa. Debitis cum a repellat dicta dolore iure. Obcaecati reiciendis alias, ut provident repellendus inventore beatae porro, aliquid est expedita quas, minus hic sint sit officiis perferendis maxime pariatur.</p>

    <p>Here is a second paragraph with more content. Lorem ipsum dolor sit amet consectetur adipisicing elit. Modi, fugiat aut deleniti excepturi, odit, provident est ipsum fugit voluptatum recusandae atque neque libero. Reprehenderit libero asperiores, officia exercitationem harum maiores eligendi minus distinctio natus deleniti a voluptates inventore veniam recusandae ducimus voluptatem sequi ipsa enim eos. Eos assumenda adipisci magni quibusdam perspiciatis mollitia quas repudiandae asperiores, laboriosam ullam dolorum tempora dolores similique temporibus eum officiis distinctio ipsa? Nemo, illo aliquid!</p>

    <a href="first.html" title="This leads you to another page." style="text-decoration: none; color: brown;">➡️ Go back to the first page</a>

</body>

</html>

****

1. **It is possible to use a picture (image) as a link. Modify your page so that the picture that is on your page will also serve as a link that leads to another page.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Another Page</title>

</head>

<body>

    <h1>Welcome to Another Page</h1>

    <p>This is the first paragraph on another page.</p>

    <p>Here is a second paragraph with more content.</p>

    <a href="first.html" title="This leads you to another page." style="text-decoration: none; color: brown;">Go back to the first page</a>

    <br>

    <a href="second.html" title="Click the image to go back to the first page.">

        <br>

        <img src="https://cdn.pixabay.com/photo/2016/05/24/16/48/mountains-1412683\_1280.png" alt="Clickable image link" width="600" height="300" >

    </a>

</body>

</html>

