<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>HTML First Practical</title>

    <link rel="stylesheet" href="styles.css">

</head>

<body>

    <h1>This is a Heading Tag. The &lt;h1&gt; element defines a heading. </h1>

    <p>This is paragraph tag. The &lt;p&gt; element defines a paragraph. </p>

<h1>HTML Attributes</h1>

    <p>1) All HTML elements can have attributes<br>

    2) Attributes provide additional information about elements<br>

    3) Attributes are always specified in the start tag<br>

    4) Attributes usually come in name/value pairs like: name="value"<br>

    </p>

<h2>The href Attribute</h2>

    <p>The &lt;a&gt; tag defines a hyperlink. The href attribute specifies the URL of the page the link goes to:</p>

    <a href="https://www.w3schools.com">Visit W3Schools</a>

<h2>The src Attribute</h2>

    <p>The &lt;img&gt; tag is used to embed an image in an HTML page. The src attribute specifies the path to the image to be displayed:</p>

    <img src="ram.jpg" alt="Example Image">

    <h3>The width and height Attributes</h3>

    <p>The &lt;img&gt; tag should also contain the width and height attributes, which specify the width and height of the image (in pixels):</p>

    <img src="ram.png" width="500" height="600" alt="Example Image with dimensions">

<h3>The style Attribute</h3>

    <p>The style attribute is used to add styles to an element, such as color, font, size, and more.</p>

    <p style="color:red;">This is a red paragraph.</p>

    <h1>HTML Text Formatting</h1>

    <p>Formatting elements were designed to display special types of text:<br>

        &lt;b&gt; - Bold text<br>

        &lt;strong&gt; - Important text<br>

        &lt;i&gt; - Italic text<br>

        &lt;em&gt; - Emphasized text<br>

        &lt;mark&gt; - Marked text<br>

        &lt;small&gt; - Smaller text<br>

        &lt;del&gt; - Deleted text<br>

        &lt;ins&gt; - Inserted text<br>

        &lt;sub&gt; - Subscript text<br>

        &lt;sup&gt; - Superscript text

    </p>

<b>This text is bold</b><br>

    <strong>This text is important!</strong><br>

    <i>This text is italic</i><br>

    <em>This text is emphasized</em><br>

    <small>This is some smaller text.</small><br>

    <p>Do not forget to buy <mark>milk</mark> today.</p>

    <p>My favorite color is <del>blue</del> red.</p>

    <p>My favorite color is <del>blue</del> <ins>red</ins>.</p>

    <p>This is <sub>subscripted</sub> text.</p>

    <p>This is <sup>superscripted</sup> text.</p>

<h1>HTML Tables</h1>

    <p>HTML tables allow web developers to arrange data into rows and columns.</p>

    <p>A table in HTML consists of table cells inside rows and columns.</p>

<table>

        <tr>

          <th>Roll No.</th>

          <th>Name</th>

          <th>Class</th>

        </tr>

        <tr>

          <td>51</td>

          <td>Sachin</td>

          <td>SE-AI&DS</td>

        </tr>

        <tr>

          <td>52</td>

          <td>Pareenita</td>

          <td>SE-AI&DS</td>

        </tr>

    </table>

<h2>Table Headers</h2>

    <p>Sometimes you want your cells to be table header cells. In those cases use the &lt;th&gt; tag instead of the &lt;td&gt; tag: th stands for table header.</p>

    <h2>Table Cells</h2>

    <p>Each table cell is defined by a &lt;td&gt; and a &lt;/td&gt; tag. td stands for table data. Everything between &lt;td&gt; and &lt;/td&gt; are the content of the table cell.</p>

<h2>Table Rows</h2>

    <p>Each table row starts with a &lt;tr&gt; and ends with a &lt;/tr&gt; tag. tr stands for table row.</p>

<h2>HTML Table Borders</h2>

    <p>HTML tables can have borders of different styles and shapes. To add a border, use the CSS border property on table, th, and td elements:</p>

<table class="styled-table">

<tr>

            <th>Product</th>

            <th>Price</th>

            <th>Quantity</th>

        </tr>

        <tr>

            <td>Apples</td>

            <td>$2</td>

            <td>50</td>

        </tr>

        <tr>

            <td>Oranges</td>

            <td>$3</td>

            <td>30</td>

        </tr>

        <tr>

            <td>Bananas</td>

            <td>$1</td>

            <td>100</td>

        </tr>

    </table>

    <h1>HTML Lists</h1>

    <p>HTML lists allow web developers to group a set of related items in lists.</P>

    <h2>Unordered HTML List</h2>

    <p>An unordered list starts with the &lt;ul&gt; tag. Each list item starts with the &lt;li&gt; tag. The list items will be marked with bullets (small black circles) by default:</p>

    <ul>

        <li>Coffee</li>

        <li>Tea</li>

        <li>Milk</li>

    </ul>

    <h2>Ordered HTML List</h2>

    <p>An ordered list starts with the &lt;ol&gt; tag. Each list item starts with the &lt;li&gt; tag. The list items will be marked with numbers by default:</p>

    <ol>

        <li>Coffee</li>

        <li>Tea</li>

        <li>Milk</li>

    </ol>

    <h2>HTML Description Lists</h2>

    <p>A description list is a list of terms, with a description of each term. The &lt;dl&gt; tag defines the description list, the &lt;dt&gt; tag defines the term (name), and the &lt;dd&gt; tag describes each term:</p>

    <dl>

        <dt>Coffee</dt>

        <dd>- black hot drink</dd>

        <dt>Milk</dt>

        <dd>- white cold drink</dd>

    </dl>

    <h1>HTML Iframes</h1>

    <p>An HTML iframe is used to display a web page within a web page.</p>

    <h2>HTML Iframe Syntax</h2>

    <p>The HTML &lt;iframe&gt; tag specifies an inline frame. An inline frame is used to embed another document within the current HTML document.</p>

    <iframe src="ram.png" title="description"></iframe>

    <h2>Iframe - Set Height and Width</h2>

    <p>Use the height and width attributes to specify the size of the iframe. The height and width are specified in pixels by default:</p>

    <iframe src="flag.jpg" height="200" width="300" title="Iframe Example"></iframe>

    <h2>Iframe - Target for a Link</h2>

    <p>An iframe can be used as the target frame for a link. The target attribute of the link must refer to the name attribute of the iframe:</p>

    <iframe src="ram2.png" name="iframe\_a" title="Iframe Example"></iframe>

    <p><a href="practical1.html" target="iframe\_a">HTML First Practical Link</a></p>

  <h1>This is a form</h1>

    <form>

        <div class="form-group">

            <input type="text" required placeholder=" ">

            <label>Name</label>

        </div>

        <div class="form-group">

            <input type="email" required placeholder=" ">

            <label>Email</label>

        </div>

        <div class="form-group">

            <input type="text" required placeholder=" ">

            <label>Address</label>

        </div>

        <div class="form-group">

            <input type="text" id="phone" name="phone" pattern="\d{10}" title="Please enter exactly 10 digits" required placeholder=" ">

            <label>Phone</label>

        </div>

        <button type="submit">Submit</button>

    </form>

</body>

</html>

body {

  font-family: 'Times New Roman', serif;

  line-height: 1.6;

  margin: 0 10%;

  padding: 2rem;

  background: #f9f9f9;

  color: #333;

}

h1 {

  font-size: 2.5rem;

  margin-bottom: 1rem;

  border-bottom: 2px solid #333;

  padding-bottom: 0.5rem;

}

h2 {

  font-size: 2rem;

  margin-top: 2rem;

  margin-bottom: 0.5rem;

  border-bottom: 1px solid #666;

  padding-bottom: 0.5rem;

}

h3 {

  font-size: 1.75rem;

  margin-top: 1.5rem;

  margin-bottom: 0.5rem;

  border-bottom: 1px solid #999;

  padding-bottom: 0.5rem;

}

p {

  margin: 1rem 0;

}

table {

  width: 100%;

  border-collapse: collapse;

  margin: 1rem 0;

}

table, th, td {

  border: 1px solid #333;

}

th, td {

  padding: 0.5rem;

  text-align: left;

}

.styled-table {

  border: 2px solid #666;

}

.styled-table th, .styled-table td {

  border: 1px solid #666;

  padding: 0.75rem;

  text-align: center;

}

ul, ol {

  margin: 1rem 0;

  padding-left: 2rem;

}

dl {

  margin: 1rem 0;

}

form {

  margin-top: 2rem;

  padding: 2rem;

  border: 1px solid #ccc;

  background: #fff;

}

.form-group {

  position: relative;

  margin-bottom: 1.5rem;

}

.form-group input {

  width: 100%;

  padding: 1rem;

  border: 1px solid #ccc;

  transition: all 0.3s ease;

  border-radius: 4px;

}

.form-group label {

  position: absolute;

  top: 1rem;

  left: 1rem;

  font-size: 1rem;

  color: #666;

  pointer-events: none;

  transition: all 0.3s ease;

}

.form-group input:focus, .form-group input:not(:placeholder-shown) {

  padding-top: 1.5rem;

  padding-bottom: 0.5rem;

}

.form-group input:focus + label, .form-group input:not(:placeholder-shown) + label {

  top: -0.75rem;

  left: 1rem;

  font-size: 0.75rem;

  color: #333;

}

button {

  display: inline-block;

  padding: 0.75rem 1.5rem;

  border: none;

  background: #333;

  color: #fff;

  font-size: 1rem;

  cursor: pointer;

  border-radius: 4px;

  transition: background 0.3s ease;

}

button:hover {

  background: #555;

}