Full Stack Application Development with Cloud Computing

Module 2 – Front-End Development Tools, Technologies and Frameworks

Lab 1

Unit 1 - HTML5 Fundamentals

Topic: HTML Element

Ex. 1: Developing a personal blog web page with html form elements.

```
<!DOCTYPE html>
<html>
<head>
    <title>Example HTML Elements</title>
</head>
<body>
    <!-- This is a heading element -->
    <h1>Welcome to the training Web Page</h1>

    <!-- This is a paragraph element with a hyperlink -->
    <p>This is a paragraph of text. Here's a <a
href="https://www.example.com">link to Example.com</a>.</p>

    <!-- This is an unordered list element -->
    <h2>List of Fruits</h2>
    <ul>
        <li>Apple</li>
        <li>Orange</li>
        <li>Banana</li>
    </ul>
```

```html
<!-- This is a form element for user input -->
<h2>Contact Form</h2>
<form>
    <label for="name">Name:</label>
    <input type="text" id="name" name="name" placeholder="Your Name">
    <br>
    <label for="email">Email:</label>
    <input type="email" id="email" name="email" placeholder="your@example.com">
    <br>
    <label for="message">Message:</label>
    <textarea id="message" name="message" rows="4" cols="50" placeholder="Your message..."></textarea>
    <br>
    <button type="submit">Send</button>
</form>

<!-- This is a table element -->
<h2>Sample Table</h2>
<table>
    <tr>
        <th>Name</th>
        <th>Age</th>
    </tr>
    <tr>
        <td>Arpitha</td>
        <td>25</td>
    </tr>
    <tr>
        <td>Shyam</td>
        <td>30</td>
```

```
                </tr>
            </table>


            <!-- This is a division element with a class -->
            <div class="note">
                <p>This is a <strong>note</strong> section.</p>
            </div>


            <!-- This is an HTML comment that won't be displayed in the browser
-->
        </body>
    </html>
```

Output:

Welcome to the training Web Page

This is a paragraph of text. Here's a link to Example.com.

List of Fruits

- Apple
- Orange
- Banana

Contact Form

Name: [Your Name]
Email: [your@example.com]
Message: [Your message...]
[Send]

Sample Table

Name	Age
Arpitha	25
Shyam	30

This is a **note** section.

Practice Question

Ex. 2: Design a simple HTML structure to display two customer testimonials side by side. Each testimonial should include the

customer's name, photo, and a short comment about their experience. Utilize appropriate HTML elements to create the structure and content for the testimonial section.