

LAB Assignment

1. HTML Basic:

Task : Create a simple HTML webpage that includes:

- A header (), footer (), main section (), and aside section ().
- A paragraph with some basic text.
- A list (both ordered and unordered).
- A link that opens in a new tab.

ANS :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Simple HTML Webpage</title>
</head>
<body>

<header>
  <h1>Welcome to My Simple Webpage</h1>
</header>

<main>
  <h2>Main Content</h2>
  <p>This is a simple webpage created to demonstrate basic HTML structure. It includes
various elements such as headers, footers, and sections.</p>

  <h3>Unordered List</h3>
  <ul>
    <li>Item 1</li>
    <li>Item 2</li>
    <li>Item 3</li>
  </ul>

  <h3>Ordered List</h3>
  <ol>
    <li>First item</li>
    <li>Second item</li>
    <li>Third item</li>
  </ol>

  <h3>Useful Link</h3>
```

```

    <p>For more information, visit <a href="https://www.example.com"
target="_blank">Example Website</a>.</p>
</main>

<aside>
    <h2>Aside Section</h2>
    <p>This is an aside section that can contain additional information or links related to the
main content.</p>
</aside>

<footer>
    <p>&copy; 2023 My Simple Webpage</p>
</footer>

</body>
</html>

```

2. HTML Form

- Task : Create a contact form with the following fields:

- o Full name (text input)
- o Email (email input)
- o Phone number (tel input)
- o Subject (dropdown menu)
- o Message (textarea) o Submit button

ANS :

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Contact Form</title>
</head>
<body>

<h1>Contact Us</h1>

<form action="#" method="post">
    <table>
        <tr>
            <td>
                <label for="full-name">Full Name:</label>
            </td>
            <td>

```

```

        <input type="text" id="full-name" name="full-name" required minlength="2"
maxlength="50" pattern="[A-Za-z\s]+" title="Please enter a valid name (letters and spaces
only)">
    </td>
</tr>
<tr>
    <td>
        <label for="email">Email:</label>
    </td>
    <td>
        <input type="email" id="email" name="email" required>
    </td>
</tr>
<tr>
    <td>
        <label for="phone">Phone Number:</label>
    </td>
    <td>
        <input type="tel" id="phone" name="phone" required pattern="[0-9]{10}"
title="Please enter a valid 10-digit phone number">
    </td>
</tr>
<tr>
    <td>
        <label for="subject">Subject:</label>
    </td>
    <td>
        <select id="subject" name="subject" required>
            <option value="">Select a subject</option>
            <option value="inquiry">General Inquiry</option>
            <option value="support">Support</option>
            <option value="feedback">Feedback</option>
            <option value="other">Other</option>
        </select>
    </td>
</tr>
<tr>
    <td>
        <label for="message">Message:</label>
    </td>
    <td>
        <textarea id="message" name="message" required minlength="10"
maxlength="500"></textarea>
    </td>
</tr>
<tr>
    <td colspan="2">
        <button type="submit">Submit</button>
    </td>
</tr>

```

```
</table>
</form>

</body>
</html>
```

3. HTML Tables.

- Task: Create a product catalog table that includes the following columns:

- o Product Name
- o Product Image (use placeholder image URLs)
- o Price o Description
- o Availability (in stock, out of stock)

Ans :

```
<!DOCTYPE html>
<html>
<head>
<style>
table {
  border-collapse: collapse;
  border: 1px solid black;
  width: 100%;
}

th, td {
  text-align: left;
  padding: 8px;
}

th {
  background-color: #f2f2f2;
}
</style>
</head>
<body>

<h2>Product Catalog</h2>

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Image</th>
<th>Price</th>
```

```
<th>Description</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product 1</td>
<td></td>
<td>$19.99</td>
<td>This is a product description.</td>
<td>In stock</td>
</tr>
<tr>
<td>Product 2</td>
<td></td>
<td>$29.99</td>
<td>This is another product description.</td>
<td>Out of stock</td>
</tr>
</tbody>
</table>

</body>
</html>
```