A close up of a logo

Description automatically generated

**HTML Page Structure**

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**LAB MANUAL**

**Designing a Contact Form using HTML From Elements**

**Objective:**

The objective of this activity is to help learners understand the use of HTML form elements by designing and implementing a simple, functional contact form. Through this exercise, participants will gain practical knowledge of different input types, form structure, and how to group related fields for better user experience. By the end of the activity, learners should be able to create a professional-looking contact form that could be used for collecting user queries or feedback.

**Equipment Required:**

* A computer with a text editor (such as Notepad, VS Code, Sublime Text)
* A modern web browser (Chrome, Firefox, Edge, etc.)

**Prerequisites:**

* Basic understanding of HTML structure and tags
* Familiarity with attributes such as type, name, and placeholder
* Knowledge of saving and opening .html files in a browser

**Problem Statement:**

In this activity, you are required to design a contact form that allows users to provide their name, email address, phone number, subject, and a message. The form should include appropriate labels, placeholders, and input types to make it user-friendly and accessible. Additionally, it should have a submit button to send the data and a reset button to clear the form. The aim is to apply different HTML form elements effectively while maintaining a clean, structured, and visually appealing layout.

**Procedure:**

1. Create a new file named contact\_form.html.
2. Write the basic HTML structure with a <head> and <body>.
3. Inside <body>, include a heading for your contact form.
4. Use the <form> tag to wrap all your form fields.
5. Add labeled input fields for name, email, phone, and subject.
6. Add a <textarea> for users to type a message.
7. Include a submit and a reset button.
8. Use inline or embedded CSS to make the form aesthetically pleasing.
9. Save and open the file in your web browser to test the form.

**Code**

<!--

    Activity 2: Designing a Contact Form using HTML Form Elements

    Author: [Your Name]

    Description: A simple, styled contact form using basic HTML tags and inline CSS.

-->

<!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>

    <style>

        /\* Basic styling for the page \*/

        \* {

            margin: 0;

            padding: 0;

            box-sizing: border-box;

        }

        body {

            font-family: Arial, sans-serif;

            background-color: #f4f4f4;

            padding: 20px;

            line-height: 1.6;

        }

        .container {

            max-width: 600px;

            margin: 0 auto;

            background-color: white;

            padding: 30px;

            border-radius: 10px;

            box-shadow: 0 0 15px rgba(0, 0, 0, 0.1);

        }

        h1 {

            text-align: center;

            color: #333;

            margin-bottom: 30px;

            font-size: 2.2em;

        }

        .form-group {

            margin-bottom: 20px;

        }

        label {

            display: block;

            margin-bottom: 5px;

            font-weight: bold;

            color: #555;

        }

        input[type="text"],

        input[type="email"],

        textarea {

            width: 100%;

            padding: 12px;

            border: 2px solid #ddd;

            border-radius: 5px;

            font-size: 16px;

            transition: border-color 0.3s ease;

        }

        input[type="text"]:focus,

        input[type="email"]:focus,

        textarea:focus {

            outline: none;

            border-color: #007bff;

            box-shadow: 0 0 5px rgba(0, 123, 255, 0.3);

        }

        textarea {

            resize: vertical;

            min-height: 120px;

        }

        .submit-btn {

            background-color: #007bff;

            color: white;

            padding: 12px 30px;

            border: none;

            border-radius: 5px;

            font-size: 16px;

            cursor: pointer;

            transition: background-color 0.3s ease;

            width: 100%;

        }

        .submit-btn:hover {

            background-color: #0056b3;

        }

        .submit-btn:active {

            transform: translateY(1px);

        }

        /\* Required field indicator \*/

        .required {

            color: #e74c3c;

        }

        /\* Responsive design for smaller screens \*/

        @media (max-width: 480px) {

            .container {

                padding: 20px;

                margin: 10px;

            }

            h1 {

                font-size: 1.8em;

            }

        }

    </style>

</head>

<body>

    <div class="container">

        <h1>Contact Us</h1>

        <form action="#" method="POST">

            <div class="form-group">

                <label for="name">Full Name <span class="required">\*</span></label>

                <input type="text" id="name" name="name" required>

            </div>

            <div class="form-group">

                <label for="email">Email Address <span class="required">\*</span></label>

                <input type="email" id="email" name="email" required>

            </div>

            <div class="form-group">

                <label for="subject">Subject</label>

                <input type="text" id="subject" name="subject">

            </div>

            <div class="form-group">

                <label for="message">Message <span class="required">\*</span></label>

                <textarea id="message" name="message" placeholder="Please enter your message here..." required></textarea>

            </div>

            <button type="submit" class="submit-btn">Send Message</button>

        </form>

    </div>

</body>

</html>

**Output**

