

```
<!DOCTYPE html>
<html>

<head>
    <title>Dynamic Contact Form</title>
    <style>
        body {
            font-family: Arial;
            margin: 40px;
        }

        input {
            padding: 8px;
            margin: 5px;
        }

        button {
            padding: 6px 10px;
            margin: 5px;
            cursor: pointer;
        }

        .contact {
            border: 1px solid black;
            padding: 10px;
            margin-top: 10px;
        }
    </style>
</head>

<body>

    <h2>Contact Form</h2>

    <input type="text" id="name" placeholder="Enter Name">
    <input type="email" id="email" placeholder="Enter Email">
    <input type="number" id="phone" placeholder="Enter Phone">
    <button onclick="addContact()">Add Contact</button>

    <h3>Contact List</h3>
    <div id="contactList"></div>

    <script>
```

```
let contacts = [];
let editIndex = -1;

// Load data from localStorage when page loads
window.onload = function () {
    let storedContacts = localStorage.getItem("contacts");
    if (storedContacts) {
        contacts = JSON.parse(storedContacts);
        displayContacts();
    }
};

function addContact() {

    let name = document.getElementById("name").value;
    let email = document.getElementById("email").value;
    let phone = document.getElementById("phone").value;

    // Validation
    if (name === "" || email === "" || phone === "") {
        alert("All fields are required!");
        return;
    }

    let contact = {
        name: name,
        email: email,
        phone: phone
    };

    if (editIndex === -1) {
        contacts.push(contact);
    } else {
        contacts[editIndex] = contact;
        editIndex = -1;
    }

    localStorage.setItem("contacts", JSON.stringify(contacts));

    clearFields();
    displayContacts();
}
```

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}

function displayContacts() {

    let list = document.getElementById("contactList");
    list.innerHTML = "";

    for (let i = 0; i < contacts.length; i++) {

        list.innerHTML += `

<div class="contact">
    <p><b>Name:</b> ${contacts[i].name}</p>
    <p><b>Email:</b> ${contacts[i].email}</p>
    <p><b>Phone:</b> ${contacts[i].phone}</p>
    <button onclick="editContact(${i})">Edit</button>
    <button onclick="deleteContact(${i})">Delete</button>
</div>
`;

    }
}

function deleteContact(index) {
    contacts.splice(index, 1);
    localStorage.setItem("contacts", JSON.stringify(contacts));
    displayContacts();
}

function editContact(index) {

    document.getElementById("name").value =
    contacts[index].name;
    document.getElementById("email").value =
    contacts[index].email;
    document.getElementById("phone").value =
    contacts[index].phone;

    editIndex = index;
}

function clearFields() {
    document.getElementById("name").value = "";
    document.getElementById("email").value = "";
    document.getElementById("phone").value = "";
}
```

```
    }

</script>

</body>

</html>
```