Week 1 Activity

CODE:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Array and Function Demo</title>

<style>

body {

display: flex;

align-items: center;

justify-content: center;

height: 100vh;

margin: 0;

font-family: Arial, sans-serif;

background-color: #f4f4f4;

}

#container {

text-align: center;

background-color: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 0 15px rgba(0, 0, 0, 0.2);

}

form {

margin-bottom: 20px;

}

label {

display: block;

margin-bottom: 5px;

text-align: left;

}

input {

width: 100%;

padding: 8px;

margin-bottom: 10px;

box-sizing: border-box;

}

button {

background-color: #4caf50;

color: white;

padding: 10px;

border: none;

border-radius: 4px;

cursor: pointer;

}

button:hover {

background-color: #45a049;

}

table {

border-collapse: collapse;

width: 100%;

margin-top: 20px;

}

th, td {

border: 1px solid #dddddd;

text-align: left;

padding: 8px;

}

th {

background-color: #4caf50;

color: white;

}

</style>

</head>

<body>

<div id="container">

<h2>Array and Function Demo</h2>

<form id="userDataForm">

<label for="name">Name:</label>

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

<br>

<label for="email">Email:</label>

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

<br>

<label for="contact">Contact:</label>

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

<br>

<label for="age">Age:</label>

<input type="number" id="age" required>

<br>

<button type="button" onclick="submitDetails()">Submit</button>

</form>

<div id="tablesContainer"></div>

</div>

<script>

let names = [];

let emails = [];

let contacts = [];

let ages = [];

function submitDetails() {

let name = document.getElementById('name').value;

let email = document.getElementById('email').value;

let contact = document.getElementById('contact').value;

let age = document.getElementById('age').value;

names.push(name);

emails.push(email);

contacts.push(contact);

ages.push(age);

displayTables();

}

function displayTables() {

document.getElementById('tablesContainer').innerHTML = '';

displayTable('Names', names);

displayTable('Emails', emails);

displayTable('Contacts', contacts);

displayTable('Ages', ages);

}

function displayTable(title, data) {

let container = document.getElementById('tablesContainer');

let table = document.createElement('table');

let headerRow = table.insertRow(0);

let headerCell = headerRow.insertCell(0);

headerCell.innerHTML = `<b>${title}</b>`;

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

let row = table.insertRow(i + 1);

let cell = row.insertCell(0);

cell.innerHTML = data[i];

}

container.appendChild(table);

}

</script>

</body>

</html>

SNIPPET:

