**index.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Object to Array</title>

    <script src="script.js" defer></script> <!-- Link to the JavaScript file -->

</head>

<body>

    <h1>Object to Array</h1>

    <label for="field1">Field 1:</label>

    <input type="text" id="field1" placeholder="Enter field name"><br>

    <label for="value1">Value 1:</label>

    <input type="text" id="value1" placeholder="Enter field value"><br>

    <label for="field2">Field 2:</label>

    <input type="text" id="field2" placeholder="Enter field name"><br>

    <label for="value2">Value 2:</label>

    <input type="text" id="value2" placeholder="Enter field value"><br>

    <button id="createObjectBtn">Create Object and Add to Array</button>

    <div id="output"></div>

</body>

</html>

# script.js

let objectArray = []; // Array to hold objects

document.getElementById('createObjectBtn').addEventListener('click', () => {

    // Read input values

    const field1 = document.getElementById('field1').value;

    const value1 = document.getElementById('value1').value;

    const field2 = document.getElementById('field2').value;

    const value2 = document.getElementById('value2').value;

    // Create an object with the input values

    const newObject = {

        [field1]: value1,

        [field2]: value2,

    };

    // Add object to the array

    objectArray.push(newObject);

    // Display the array

    const outputDiv = document.getElementById('output');

    outputDiv.innerHTML = `Array of Objects: ${JSON.stringify(objectArray)}`;

    // Check if the variable is an array

    const isArray = Array.isArray(objectArray);

    outputDiv.innerHTML += `<br>Is objectArray an array? ${isArray}`;

});

**OUTPUT:**

**A screenshot of a computer

Description automatically generated**