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Practical No: 7 Append an object to an array and will check if an object is an array.

Code:

**Index.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Object operations</title>

    <script src="script.js" defer></script>

</head>

<body>

    <h1>Enter Object</h1>

    <form id="inputForm">

        <label for="input">Enter Object:</label>

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

        <button type="button" name="button" onclick="operation()">Submit</button><br><br>

    </form>

    <h2>Array:</h2>

    <pre id="array"></pre>

    <h2>Result:</h2>

    <pre id="result"></pre>

</body>

</html>

**Script.js**

let myArray = [];

let verdict = ""

function operation(){

    const userInput = JSON.parse(document.getElementById('input').value);

    if (Array.isArray(userInput)) {

        appendToArray(userInput);

    } else if (typeof userInput === 'object') {

        verdict = "It's not an array, but an object";

        displayVerdict();

    } else {

        verdict = "Please enter a valid object!!";

        displayVerdict();

    }

}

function appendToArray(arr) {

    myArray = myArray.concat(arr);

    verdict = "It is an Array"

    displayArray();

    displayVerdict();

}

function displayArray() {

    document.getElementById("array").innerHTML=myArray;

}

function displayVerdict(){

    document.getElementById("result").innerHTML=verdict;

}

Output:

