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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

```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

```javascript
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();
    }
```

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```
}

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:

Enter Object

Enter Object: [4, 5]

Submit

Array:

1,2,3,4,5

Result:

It is an Array