1 <!DOCTYPE html>

2 <html lang="en">

4 <head>

5 <meta charset="UTF-8">

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

7 <title>Object Input</title>

8 </head>

10 <body>

14 <h2>Object to Array Variable Check</h2>

16 <!-- Input for Object Name -->

17 <label for="objectName">Name of Object:</label>

18 <input type="text" id="objectName"><br><br>

20 <!-- Input for Object Fields -->

21 <label for="objectFields">Fields of Object (comma-separated):</label>

22 <input type="text" id="objectFields"><br><br>

24 <!-- Input for Object Values -->

25 <label for="objectValues">Values of Object (comma-separated):</label>

26 <input type="text" id="objectValues"><br><br>

28 <!-- Button to Execute JS Code -->

29 <button onclick="addObjectAndDisplayArray()">Object to Array</button>

31 <!-- Display Array -->

32 <h2>Array:</h2>

33 <div id="displayArray"></div>

35 <!-- Display Array Check Result -->

36 <h2>Is it an Array?</h2>

37 <div id="isArrayResult"></div>

39 <script>

40 // Initialize an empty array

41 let objectArray = [];

43 // Function to add object to the array

44 function addObjectToArray(name, fields, values) {

45 const object = {

46 Object: name,};

49 const fieldArray = fields.split(',').map(field => field.trim());

50 const valueArray = values.split(',').map(value => value.trim());

52 if (fieldArray.length === valueArray.length) {

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

54 object[fieldArray[i]] = valueArray[i];}

56 objectArray.push(object);

57 } else {

58 alert("Number of fields should match the number of values.");}}

62 // Function to display the array

63 function displayArray() {

64 document.getElementById('displayArray').textContent = JSON.stringify(objectArray, null, 2);}

67 // Function to check if a variable is an array

68 function isArray(variable) {

69 return Array.isArray(variable);}

72 // Function to display the result of isArray function

73 function displayIsArrayResult() {

74 const isArrayResult = isArray(objectArray);

75 document.getElementById('isArrayResult').innerHTML = `${isArrayResult}`;

78 // Function to add object to the array and display the array

79 function addObjectAndDisplayArray() {

80 const name = document.getElementById('objectName').value;

81 const fields = document.getElementById('objectFields').value;

82 const values = document.getElementById('objectValues').value;

84 addObjectToArray(name, fields, values);

85 displayArray();

86 displayIsArrayResult();}

89 </script>

90 </body>

92 </html

**OUTPUT :**

