<!DOCTYPE html>

<html lang="en">

<head>

<title>Array Operations</title>

</head>

<body>

<h1>Javascript Practical of Array manipulation</h1>

<script>

var array = [];

var x = prompt("Enter the size of array");

//Input the elements in the array

for (i = 0; i < x; i++) {

array[i] = prompt("Enter array Element " + (i + 1));

}

//Display the array elements

document.write("Array entered is" + "</br> </br>");

for (i = 0; i < x; i++) {

document.write(

"The element at position " + i + " is : " + array[i] + "</br> </br>"

);

}

//A. Remove element from array

function removeElement(removeEle) {

var removeEle = prompt("Enter array Element to delete ");

for (i = 0; i < x; i++) {

if (array[i] == removeEle) {

// array.remove(i);

document.write(

"After deleting array element: " +

array[i] +

" array is" +

"</br> </br>"

);

delete array[i];

}

}

}

//B. Check for a specific value

function searchElement(searchEle) {

var searchEle = prompt("Enter array Element to find ");

let pres = false;

pres = array.includes(searchEle);

if (pres == true) {

document.write(

"Element " + searchEle + " is present in the array</br></br>"

);

} else

document.write(

"Element " + searchEle + " is not present in the array</br></br>"

);

}

//searchElement(searchEle);

//C. To empty an array

function emptyArray() {

array.splice(0, array.length);

if (array.length == 0) {

document.write("Array is empty now using splice method");

}

document.write(array);

}

removeElement();

//Display the array elements

for (i = 0; i < x; i++) {

document.write(

"The element at position " + i + " is : " + array[i] + "</br> </br>"

);

}

searchElement();

emptyArray();

</script>

</body>

</html>