|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE - 411043** | | | |
|  | **DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGG.**  **ACADEMIC YEAR : 2023-24 SEM: 1** | | | |
| CLASS : BE V [S5] | | | SUBJECT : JavaScript | |
| EXPT. NO. : 6 | | Roll No.: 42162 | | DATE : |
|  | | | | |
| CODE : | | | | |
| <!DOCTYPE html>  <html>  <head>  <title>Array Operations</title>  </head>  <body>  <h1>Array Operations</h1>  <label for="1">Enter Array Length:</label>  <input type="number" id="1">  <button onclick="lengthh()">Set Length</button>  <br>  <label for="2">Enter Array Elements (comma-separated):</label>  <input type="text" id="2">  <button onclick="arrayip()">Insert Elements</button>  <br>  <label for="delete">Delete Element:</label>  <input type="text" id="delete">  <button onclick="del()">Delete</button>  <br>  <label for="fnd">Find Element:</label>  <input type="text" id="fnd">  <button onclick="find()">Find</button>  <br>  <button onclick="Empty()">Empty Array</button>  <button onclick="Display()">Display Array</button>  <br>  <div id="res1"></div>  <div id="res2"></div>  <div id="res3"></div>  <div id="res4"></div>  <div id="res5"></div>  <div id="res6"></div>  <script> var n;  function lengthh() {  n = document.getElementById('1').value; var str = "You have entered length:" + n; | | | | |



|  |  |
| --- | --- |
|  | **PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE - 411043** |
|  | **DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGG.**  **ACADEMIC YEAR : 2023-24 SEM: 1** |
| document.getElementById("res1").innerHTML = str;  }  var Array = [n]; function arrayip() {  let arrval = document.getElementById('2').value; console.log(arrval);  Array = arrval.split(','); console.log(Array.length); console.log(n);  if (Array.length > n) {  var str = "You have entered more elements as compared to the array size"; document.getElementById("res2").innerHTML = str;  }  else {  var str = "You have entered :" + Array; document.getElementById("res2").innerHTML = str;  }  }  function del() {  let val = document.getElementById('delete').value; var f = Array.indexOf(val);  if (f == -1) {  var str = "Value :" + val + " is not present in the array"; document.getElementById("res3").innerHTML = str;  }  else {  delete Array[f];  var str = "Value :" + val + " is deleted"; document.getElementById("res3").innerHTML = str;  }  }  function find() {  var val = document.getElementById('fnd').value; var f = Array.indexOf(val);  if (f == -1) {  var str = "Value :" + val + " is not present in the array"; document.getElementById("res4").innerHTML = str;  }  else {  var str = "Value :" + val + " is present in the array"; document.getElementById("res4").innerHTML = str;  }  }  function Empty() { Array = [];  document.getElementById("res5").innerHTML = "Array is Emptied";  }  function Display() { var str = ""; | |



|  |  |
| --- | --- |
|  | **PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE - 411043** |
|  | **DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGG.**  **ACADEMIC YEAR : 2023-24 SEM: 1** |
| for (var i = 0; i < Array.length; i++) { if (Array[i] != undefined)  str += Array[i] + " ";  }  document.getElementById("res6").innerHTML = str;  }  </script>  </body>  </html> | |
| OUTPUT : | |
|  | |

