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| CLASS : BE V [S5] | | SUBJECT : JavaScript | |
| EXPT. NO. : 7 | Roll No.: 42162 | | DATE : |
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| CODE : | | | |
| <!DOCTYPE html>  <html>  <head>  <style>  body {  font-family: Arial, sans-serif;  text-align: center;  }  input, button {  margin: 5px;  }  </style>  </head>  <body>  <h1>Array Operations</h1>  <h2>Enter Array Size and Elements</h2>  <div>  <p>Enter the array size:</p>  <input type="number" id="arraySize" placeholder="Enter array size">  <p>Enter the array elements (comma-separated values):</p>  <input type="text" id="arrayElements" placeholder="Enter array elements">  <button onclick="createArray()">Create Array</button>  </div>  <div>  <p>Show Current Array:</p>  <button onclick="displayArray()">Display Array</button>  </div>  <div>  <p>Search for Objects:</p>  <input type="text" id="searchObject" placeholder="Search for an object">  <button onclick="searchArray()">Search</button>  </div>  <div id="output"></div>  <script>  let myArray = [];  function createArray() {  const sizeInput = document.getElementById("arraySize");  const size = parseInt(sizeInput.value);  const elementsInput = document.getElementById("arrayElements");  const elements = elementsInput.value.split(",");  if (size <= 0) {  showMessage("Please provide a valid positive array size.");  } else if (elements.length < size) {  showMessage("Not enough elements to create the array.");  } else {  myArray = elements.slice(0, size);  showMessage("Array created with size " + size);  }  sizeInput.value = '';  elementsInput.value = '';  }  function displayArray() {  showMessage("Current Array: " + JSON.stringify(myArray));  }  function searchArray() {  const searchInput = document.getElementById("searchObject").value;  const foundObjects = myArray.filter(item => item.toString().includes(searchInput));  if (foundObjects.length > 0) {  showMessage("Objects found: " + JSON.stringify(foundObjects));  } else {  showMessage("No matching objects found.");  }  }  function showMessage(message) {  const outputDiv = document.getElementById("output");  outputDiv.innerHTML = message;  }  </script>  </body>  </html> | | | |

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| OUTPUT : |
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