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1  /* PRACTICAL-2: Write a JavaScript to demonstrate properties and methods of Array Collection Reference Type.
2
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6
7  // CODE:
8
9  let array = [1, 5, 7, 11, 30];
10
11 console.log("--> Length:", array.length);
12
13 console.log("--> First Element:", array[0]);
14
15 array.push(8);
16 console.log("--> Array after Pushing Element-8:", array);
17
18 array.unshift(0);
19 console.log("--> Array after Unshifting 0:", array);
20
21 let poppedElement = array.pop();
22 console.log("--> Popped Element:", poppedElement);
23 console.log("--> Array after Popping:", array);
24
25 let shiftedElement = array.shift();
26 console.log("--> Shifted Element:", shiftedElement);
27 console.log("--> Array after Shifting:", array);
28
29 console.log("--> Index of 5:", array.indexOf(5));
30
31 let slicedArray = array.slice(1, 3);
32 console.log("--> Sliced Array:", slicedArray);
33
34 let anotherArray = [-1, -2, -3];
35 let combinedArray = array.concat(anotherArray);
36 console.log("--> Combined array:", combinedArray);
37
38 let joinedString = array.join(" ");
39 console.log("--> Joined string:", joinedString);
40
41 let unsortedArray = [5, 2, 8, 1, 9];
42 console.log("--> Unsorted Array:", unsortedArray);
43 let sortedArray = unsortedArray.sort();
44 console.log("--> Sorted array:", sortedArray);
45
46 let reversedArray = array.reverse();
47 console.log("--> Reversed array:", reversedArray);
48
49 console.log("\n-*-*-*-*END OF PRACTICAL 2-*-*-*-*")
```