

1. List of Array prototypes?

2. Write a JavaScript function to check whether an `input` is an array or not.

Test Data :

`console.log(isArray('I am a string')); output- false`

`console.log(isArray([1, 2, 4, 0, 'array'])); output- true`

3. Find the length of following

- a. [5, 12, 8, 130, 44]
- b. ['g', 'e', 'e', 'k', 's']
- c. ['shoes', 'shirts', 'socks', 'sweaters']
- d. ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday']
- e. ['Monday', 90, false, undefined, '90', 'g', 'CAT']

4. Find the element at (use at, [])

- a. ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'] at 3rd positions
- b. ['shoes', 'shirts', 'socks', 'sweaters'] at 4th positions
- c. ['Monday', 90, false, undefined, '90', 'g', 'CAT'] at 5th positions
- d. ['g', 'e', 'e', 'k', 's'] at 10th position

5. Add two array (concat)

- a. Array1 → ['Sunday', 'Monday']
Array2 → ['Friday', 'Saturday']
Array3 → ['Tuesday', 'Wednesday', 'Thursday']
- b. [5, 12, 8, 130, 44]
['g', 'e', 'e', 'k', 's']

6. Sort following arrays.

- a. ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday']
- b. ['z', 'g', 'e', 'e', 'k', 's']
- c. [15, 54, 101, -52, -10, 0.56, 5, 12, 8, 130, 44]
- d. ['shoes', 'shirts', 'socks', 'sweaters']
- e. ['Monday', 90, false, undefined, '90', 'g', 'CAT']

7. Reverse the following arrays.

- a. [210, 'Sunday', 702, true, null, '90', 'vinay', 'CAT']
- b. ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday']
- c. ['z', 'i', 'a', 'x', 'k', 's']
- d. [115, 54, 101, -52, -10, 0.56, 5, 12, 8, 130, 44]
- e. ['shoes', 'shirts', 'socks', 'sweaters']

8. Find the index in the following arrays.

- a. [210, 'Sunday', 702, true, null, '90', 'vinay', 'CAT'] **find index of (90, true, 'Ajay')**
- b. ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'] **find index of ('Thursday', 'Tuesday', 'sunday', Monday)**
- c. ['z', 'i', 'a', 'x', 'k', 's'] **find index of ('k', 't', 'a')**
- d. [115, 54, 101, -52, -10, 0.56, 5, 12, 8, 130, 44] **find index of (90, -52, 0.56)**
- e. ['shoes', 'shirts', 'socks', 'sweaters'] **find index of ('shoes', 'socks', 'Sweaters')**

9. Find the last index in the following arrays.

- a. [210, 'Sunday', 702, true, null, '90', 'vinay', 'CAT'] **find last index of ('vinay', null, 'Ajay')**

- b. ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'] **find last index of ('Tuesday', 'TuesDay', 'sunday', Wednesday)**
- c. ['z', 'i', 'a', 'x', 'k', 's'] **find last index of ('k', 't', 'z')**
- d. [115, 54, 101, -52, -10, 0.56, 5, 12, 8, 130, 44] **find last index of (115, 54, 0.56, 81)**
- e. ['shoes', 'shirts', 'socks', 'sweaters'] **find index of ('shoes', 'socks', 'Sweaters')**

10. Find the index in the arrays. [314, 115, 54, 101, -52, -10, 0.56, 5, 12, 8, 130, 44]

- a. If element > 11
- b. If element * 10 + 5 >= 100
- c. If element is less than 0
- d. If element is equal to 8
- e. If element is equal to 11 OR 12

11. Please verify if following includes in array

- a. ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'] **('Sunday', 'wednesday', 'Funday')**
- b. [101, -52, -10, 0.56, 5] **if includes → (5, 8, '10', 100+1, 10-5)**

12. Please Insert the element at end of array

- a. ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'] **(insert 'Funday')**
- b. [101, -52, -10, 0.56, 5] **insert → (15, 8, 10+1)**

13. Please remove the element from end of array

- a. ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'] **(remove 'Saturday')**
- b. [101, -52, -10, 0.56, 5] **remove → (5, 0.56)**

14. Please Insert the element at 0 index of array

- a. ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'] **(insert 'Funday')**
- b. [101, -52, -10, 0.56, 5] **insert → (15, 8, 10+1)**

15. Please remove the element from 0 index of array

- a. ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'June', 'July', 'Aug', 'Sept', 'Oct', 'Nov', 'Dec']; **remove ('Jan', 'Feb')**
- b. [11, -152, -10, 2.56, -5] **remove → (11, -152)**