

Q. 1 Can we put duplicate values in the set object?

Ans. No, in JavaScript, as set is a collection of unique values, and it does not allow duplicate values. If we try to add a duplicate value to a set, it will be ignored, and the set will not be modified. If we need a collection that allows duplicate values, we can use an array instead of a set.

Q. 2 Write the syntax for

- a) Creating new set object
- b) Adding new element to set object
- c) Deleting element from set object.

Ans. Here's the syntax for creating a new set object, adding a new element to a set, and deleting an element from a set in JavaScript:

- a) Creating a new set object:
`let mySet = new Set();`
- b) Adding a new element to a set:
`mySet.add(1);`
- c) Deleting an element from a set:
`mySet.delete(1);`

Q. 3 Create a set object with four random numbers from 0 to 10. Check if this newly created set object has 8 in it. Use set object methods.