



Satyaansh Softech

Project Based Learning



Something new for everyone – beginner or pro



100% Project-Based Learning



Every video = Contains assignments



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Satyaansh Softech Pvt. Ltd.

Sets in Js

By Satyawan Panchal

Outline

01 Sets

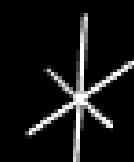
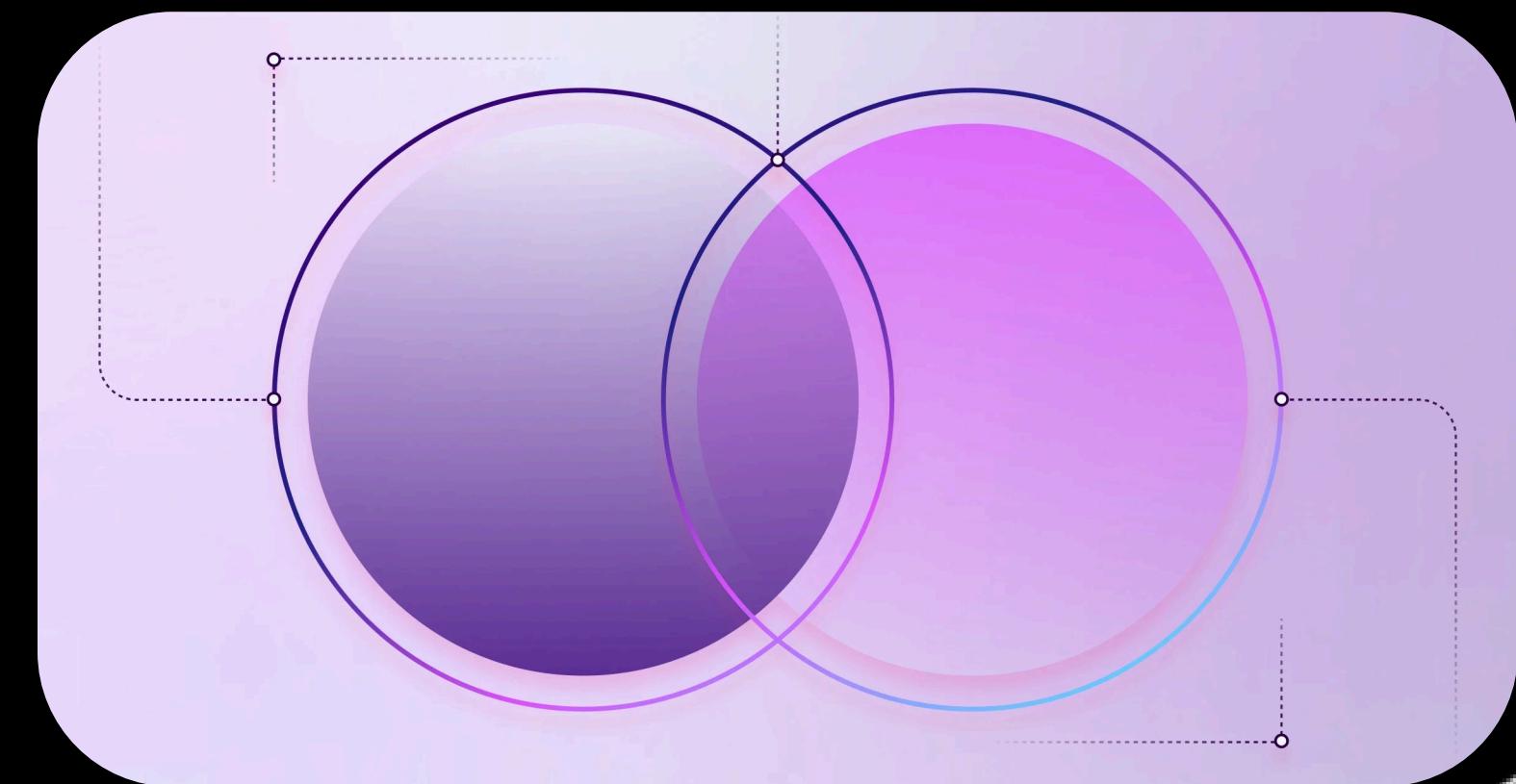
02 Basic Functions

03 Along with examples

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NEXT VIDEO

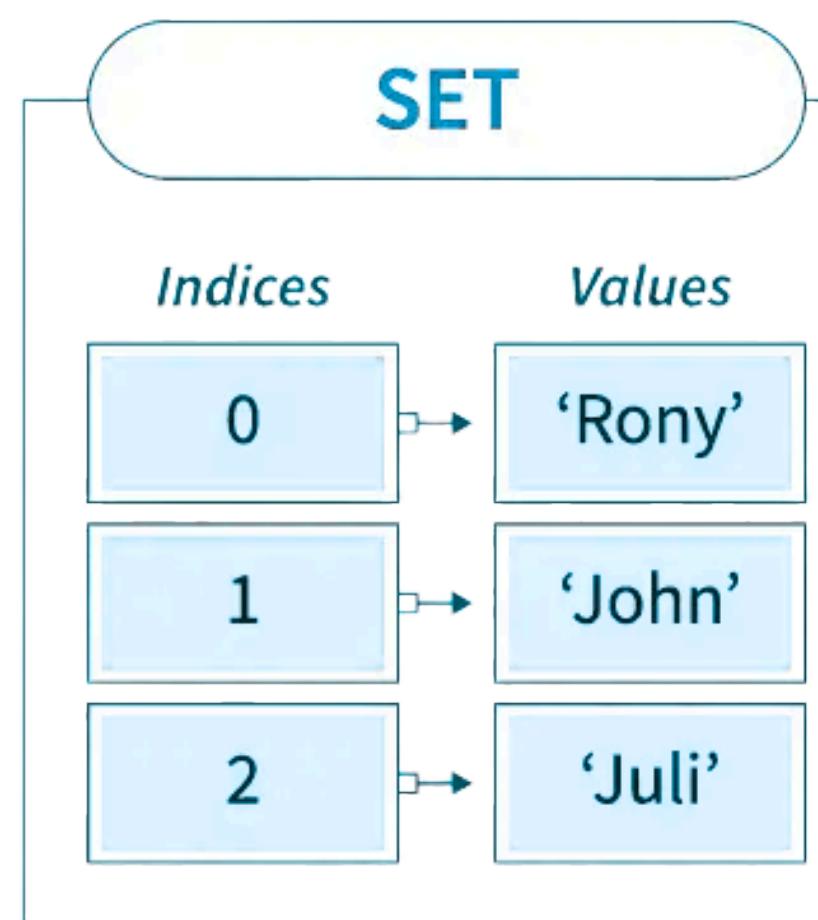
- 👉 PRACTICAL IMPLEMENTATION
- 👉 USE IN REAL PROJECTS
- 👉 UNION
- 👉 INTERSECTION
- 👉 DIFFERENCE OF SETS



Sets

It is a collection of unique values. Each value can only occur once in a Set.

The values can be of any type, primitive values or objects.

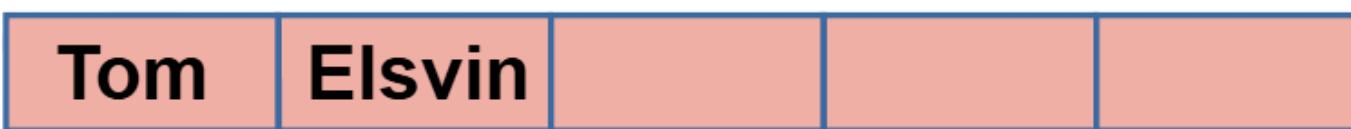


Basic Operations

add()

It is used to add new elements to a Set object.

Set



set.add(Eddie)



delete()

It is used to remove a specified value from a Set object.

Set

Tom	Alsvin	Eddie		
-----	--------	-------	--	--

`set.delete(Eddie)`



returns: true

Tom	Alsvin			
-----	--------	--	--	--

has()

It is used to determine whether a particular element exists within a Set object.



`set.has(Eddie)`
→ true

`set.has(Jack)`



false

clear()

It is used to remove all elements from a Set

Set



set.clear()



Assignment

Ques: You are given the following array of email addresses:

```
const loggersEmails = [
    "varsha@gmail.com", "kanak@gmail.com", "misha@gmail.com",
    "satyawan@gmail.com", "yug@gmail.com", "kritika@gmail.com",
    "poonam@gmail.com", "pooja@gmail.com", "tinu@gmail.com",
    "anuradha@gmail.com", "charu@gmail.com",
    "varsha@gmail.com", "kanak@gmail.com", "misha@gmail.com",
    "satyawan@gmail.com", "poonam@gmail.com", "pooja@gmail.com",
    "tinu@gmail.com", "charu@gmail.com", "anuradha@gmail.com",
    "varsha@gmail.com", "kanak@gmail.com", "misha@gmail.com",
    "satyawan@gmail.com", "poonam@gmail.com", "pooja@gmail.com",
    "tinu@gmail.com", "charu@gmail.com", "anuradha@gmail.com"
];
```

Write a JavaScript program to remove all duplicate email addresses
and print only the unique email IDs.



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