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what exactly is array?

- Datastructure ✓
- ✓ • ordered datastructure ✓
- ✓ • Heterogeneous types (dissimilar data can also be stored) ✓

जैसे और मैं आप values
send करते हैं, उसी और
मैं store भी बता रही।

Number
String

✓ helping
(13)

✓ Let var_name = 10;

✓ Cpp int arr [100] = {0, 2, 4, 6};

array JS

eg: Let arr1 = [1, 2, 3, 4, 5];

fact

Original array
mỗi khi
change kudoja

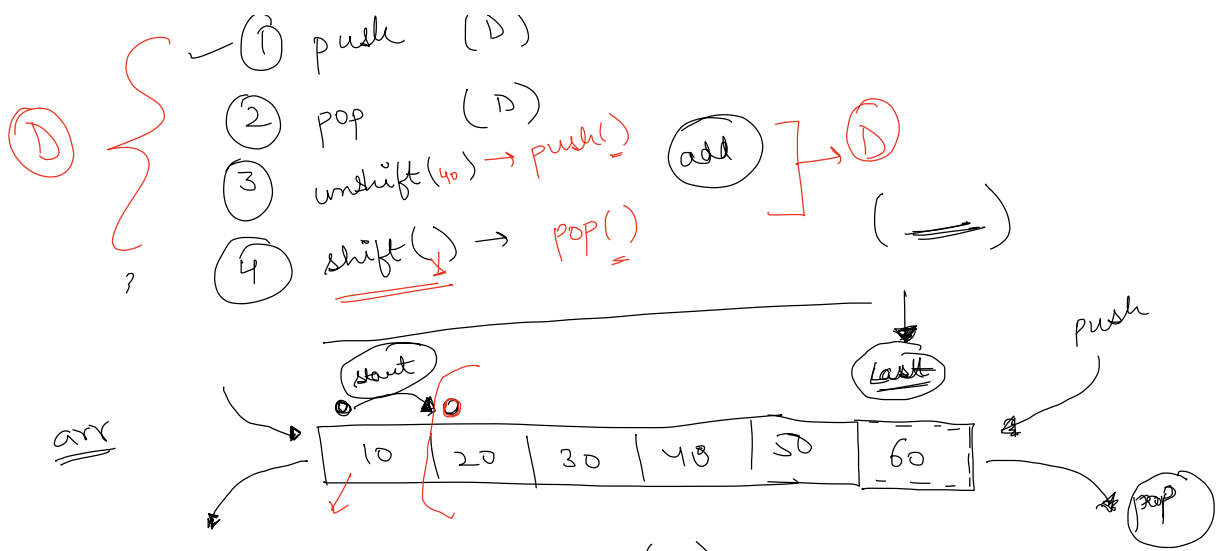
Array's Method

- ✓ Non-destructive (M)

change ✓, permanent
reflect X
original → X

→ Destructive (M)

array change
Kand. &
Vo change
permanent
hojae.



arr.push(60);

arr.pop(); (last elem.)

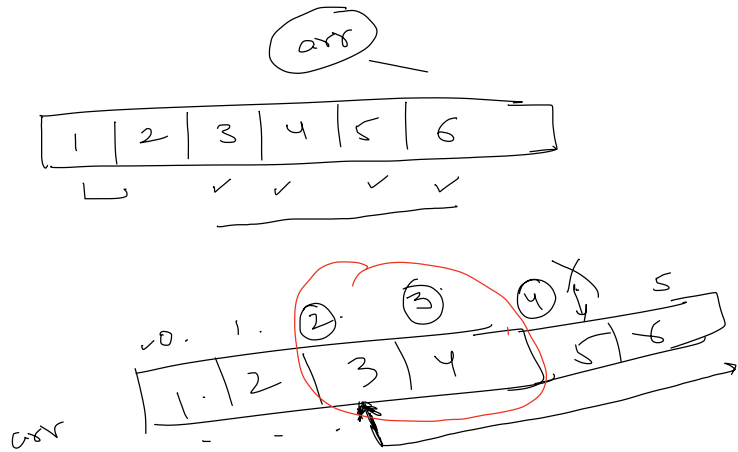
→ pop / shift → access element (remove)

size length → push / unshift → return length of array (return)

More Methods

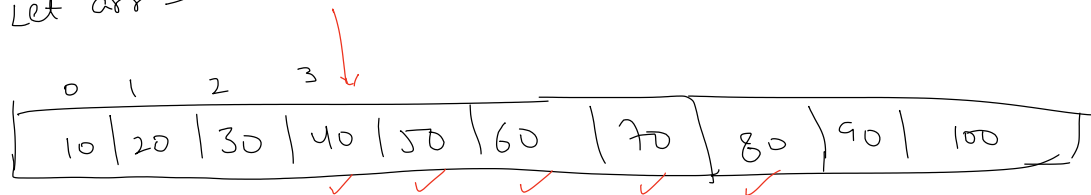
- ① slice ✓
- ② splice ✓
- ③ join ✓
- ④ includes

5 mins
 substr, substring
 samant



arr[4] → 5
 arr.slice(2) → [3, 4, 5, 6]
 slice(2, 4) → 3, 4
 ei excluded

Let arr =



arr.splice(3, 5)

(D)

~~ = 10, 20, 30, 80, 90, 100

arr.splice(3, 5, 'som', 's', 'l', 10, true);

↑ ↑ ← → ↓
si len

arr = 10, 20, 30, 'som', 's', 'l', 10, true, 90, 100

✓ split (string) X array

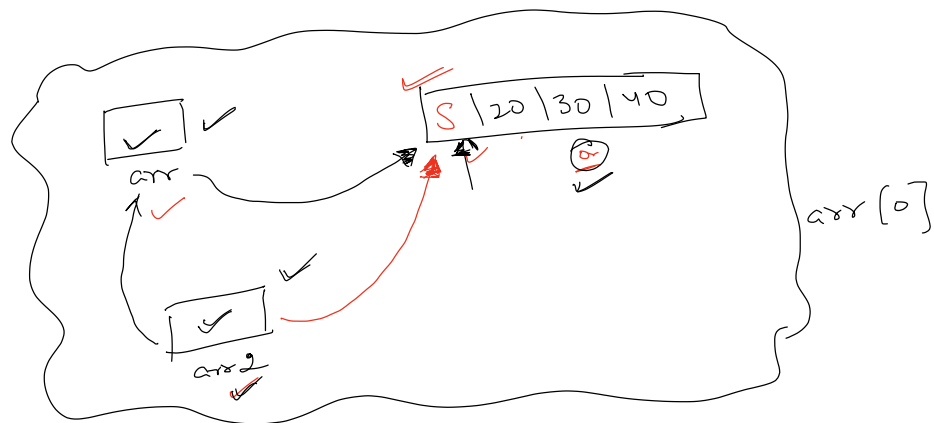
let url = "http://google.com/search/docs/next";

↑ ↑ ↑ ↑ ↑

*** Arrays are reference type ***

↓

true



reference [change in one array is leading to change in another array as well.]

— X arrays X —