

# Day19(array and its methods, reference type , common methods of string and array)

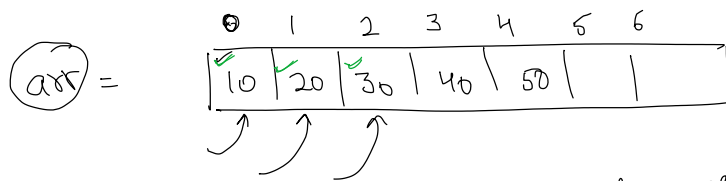
Sunday, 26 March 2023 10:52 AM

JS

Arrays →

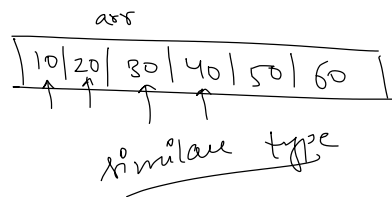
what exactly is array?

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



Jis order mei arr values send krsktte ho, ussi order mei store bhi krta hai.

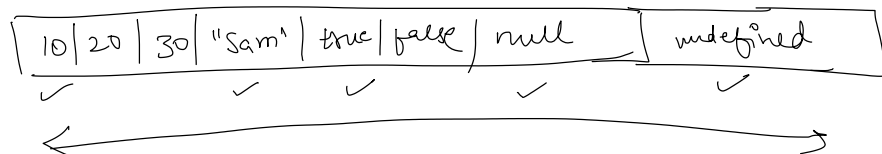
C++



Number  
Strings

JS

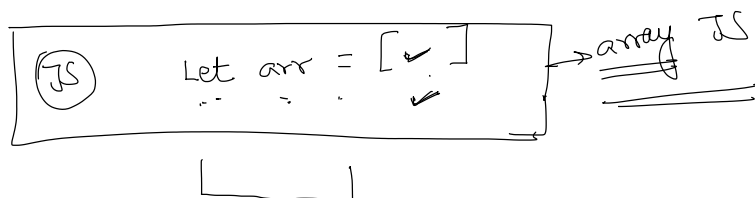
✓ heterog.  
(3)



Let var\_name = 10;

C++

int arr[100] = {0, 2, 4, 6};

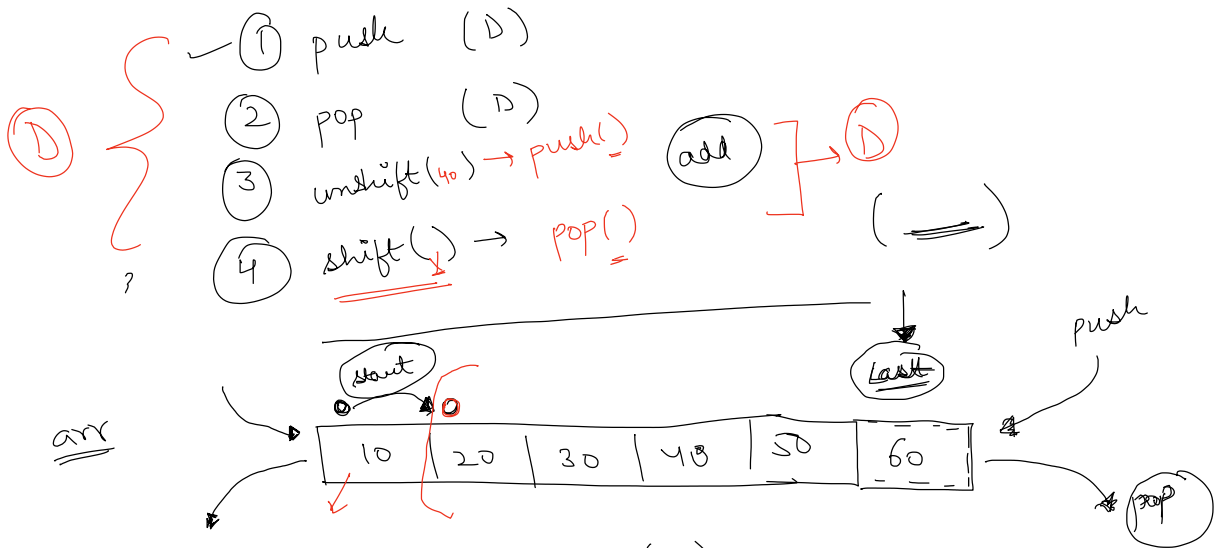
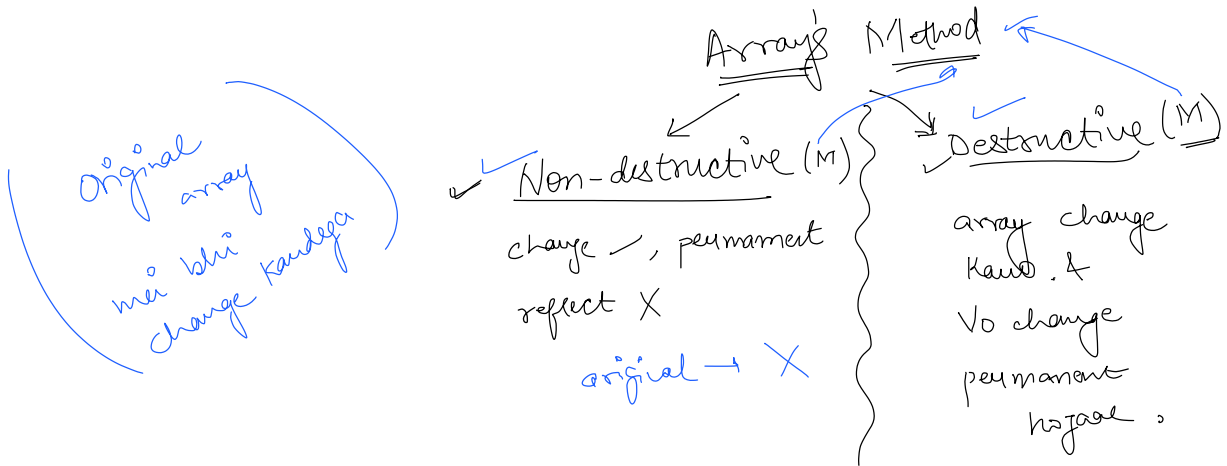


2 4 57

eg: Let arr1 = [1, 2, 3, '1']

Everything inside JS is an Object

fact



arr.push(60);

arr.pop( ) ; (last) elem.

pop / shift → remove access element

size length → push / unshift → return length of array

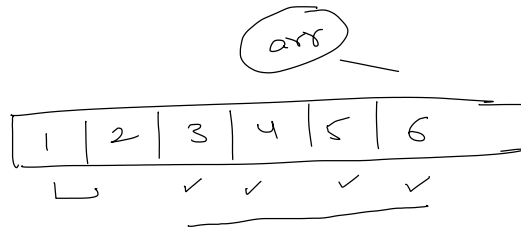
## ✓ More Methods

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

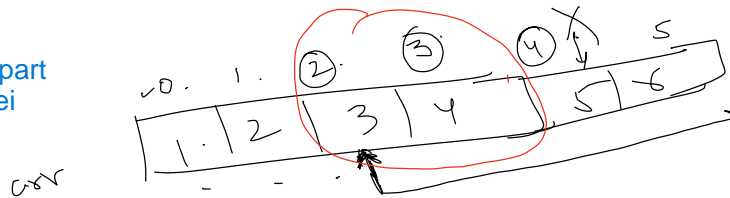
5 mins

substring, substr

Samant



arr.slice => Extract karo array ka part start from si and end at ei where ei is excluded.

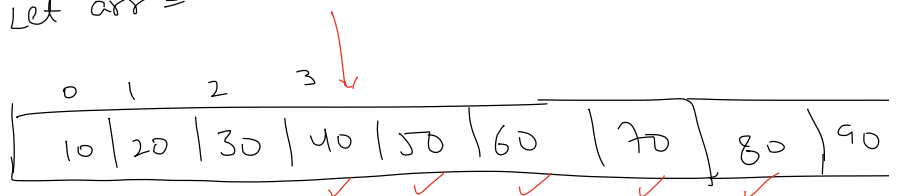


Example :  
arr = [1, 2, 3, 4, 5];

arr.slice(1, 4);

Output : [2, 3, 4]

Let arr =



arr.splice(3, 5)

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

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

↑ ↑

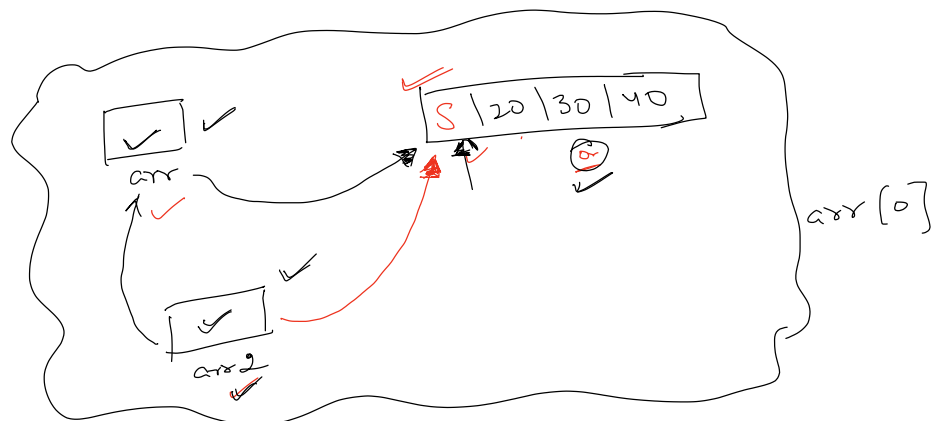
si len

arr = 10, 20, 30, 'som', 's', 'i', to,

→ split (string) X array

Let ~~url~~ = "http://google.com/search/dog/best";  
↑ ↑ ↑ ↑ ↑

\*\*\* Arrays are reference type \*\*\*  
true



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

— X arrays X —

