Arrays in JS

Collections of items

Create Array

let heroes = ["ironman", "hulk", "thor", "batman"];
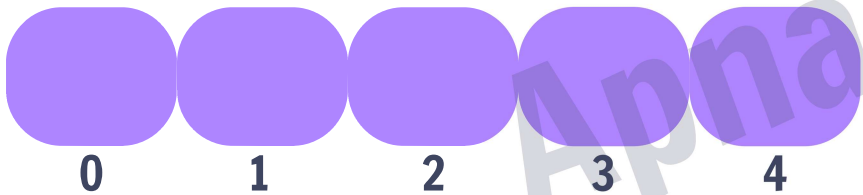
let marks = [96, 75, 48, 83, 66];

let info = ["rahul", 86, "Delhi"];

Arrays in JS

Array Indices

arr[O], arr[1], arr[2] ....

0	1	2	3	4

Looping over an Array

Print all elements of an array

Let's Practice

Qs. For a given array with marks of students -> [85, 97, 44, 37, 76, 60]
Find the average marks of the entire class.

Let's Practice

Qs. For a given array with prices of 5 items -> [250, 645, 300, 900, 50]
All items have an offer of 10% OFF on them. Change the array to store final price after applying offer.

Arrays in JS

Push( ) : add to end

Pop( ) : delete from end & return

toString( ) : converts array to string

Arrays in JS

Array Methods

Concat( ) : joins multiple arrays & returns result

Unshift( ) : add to start

shift( ) : delete from start & return

Arrays in JS

Array Methods

Slice( ) : returns a piece of the array

slice(startIdx, endIdx)

Splice( ) : change original array (add, remove, replace)

splice(startIdx, delCount, newEl1...)

Let's Practice

Qs. Create an array to store companies -> "Bloomberg", "Microsoft", "Uber", "Google", "IBM", "Netflix"

a. Remove the first company from the array

b. Remove Uber & Add Ola in its place

c. Add Amazon at the end