

Arrays in JS

Collections of items

Create Array

```
let heroes = [ "ironman", "hulk", "thor", "batman" ];
```

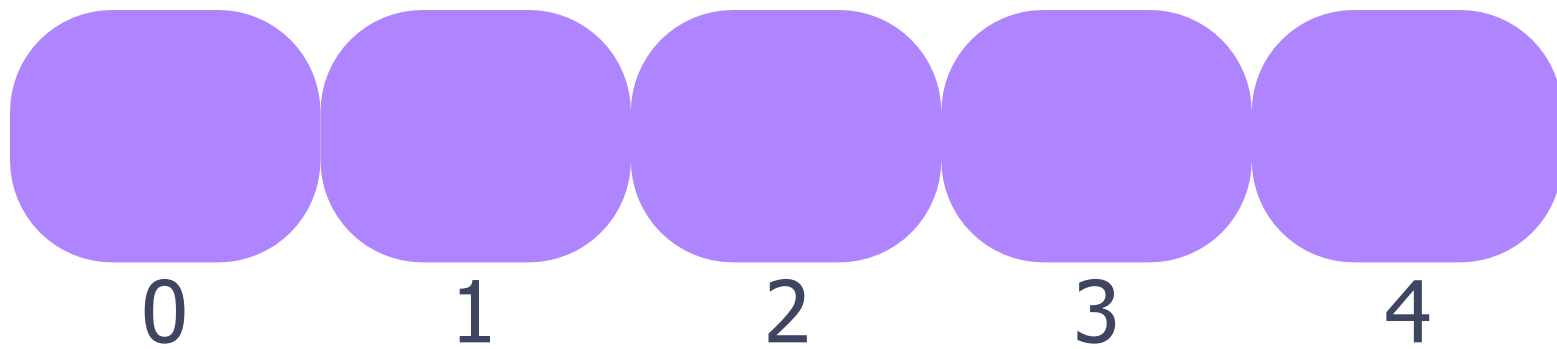
```
let marks = [ 96, 75, 48, 83, 66 ];
```

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

Arrays in JS

Array Indices

`arr[0], arr[1], arr[2]`



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

Array Methods

Push() : add to element to the end and returning new length of the array

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.