

★ Use a notebook and give examples

1. Push :-

Push is a function in javascript that add one or more elements to the end of an array and return the new length of the array.

Ex

```
let fruits = ["apple", "banana"];
```

```
// declare an array fruits.
```

```
pus ("orange");
```

```
// add "orange" to end of array using  
Push console
```

2. Pop :-

The Pop () method removes (Pops) the last element of an array. The Pop () method change the original array. The Pop () method return the removed element

Ex

```
let arr curr = [1, 2, 3, 4,]
```

```
curr.pop () } [1, 2, 3,]  
console.log(curr):
```

3. length :-

Length is a Property of javascript string, arrays and some other objects that return the number of characters or element



Or elements in the object.

Ex:-

```
let str = ["hello"]
let n = str.length
console.log(str.length) // 5
```

4. toString:-

The toString() method return a string as a string. The toString() method does not change the original string

Ex:-

```
let num = 31
let str = num.toString()
console.log("Value of str is", str)
```

5. splice:-

The splice() method add and/or removes array elements. The splice() method overwrites the original array

Ex:-

```
const fruits = ["Banana", "Chikoo", "Mango", "Orange", "Apple", "Kiwi"]
fruits.splice(2, 2)
```

Output :- [Chikoo, Mango, Kiwi]

6) slice:-

The slice() method extracts a part of a string. The slice() method does not change the original string. The start and end parameters specify the part of the string to extract.

ex:-

```
let text = "Hello world";
let result = text.slice(0, 1);
console.log(text)
```

Output:-

H

7) sort:-

The sort() method can also be used to sort an array of string but the sorting order may not be accurate in all cases.

ex:-

```
const month = ["Jan", "Feb", "Mar"];
const sorted = month.sort();
console.log(sorted)
```

Output:-

Apr, Feb, Mar, Jan

8) shift:-

The shift is a built-in array method that removes the first element from an array and returns the removed elements.

Ex:- `const arr = [1, 2, 3, 4]`
`const n = arr.shift()`

`console.log(arr[i])`

Output:- 2, 3, 4

9) unshift:-

The `unshift()` method is a built-in function in JavaScript that allows you to add one or more elements to the beginning of an array.

Ex:- `let arr = [5, 6, 7, 8]`
`let n = arr.unshift(10, 12)`

`console.log(arr[i]); (arr)`

Output:- 10, 12, 6, 7, 8

10) Contract:-

Contracts are a kind of checked comment that helps you reason about your program.

11) remove:-

The `remove()` method remove element (or node) from the document

Ex:- `let arr = [11, 12, 13, 14]` } Rem Output
`let n = arr.Remove`
`console.log(arr)`