

# What is Array in JavaScript?

- An array is a special variable, which can hold more than one value at a time.
- In Array, Index always Start with 0.
- `var array_name = [item1, item2, ...];`
- `var cars = new Array("Saab", "Volvo", "BMW");`
- `Cars[0] = Saab;`
- `Cars[1] = Volvo;`
- `Cars[2] = BMW`

# Access Elements

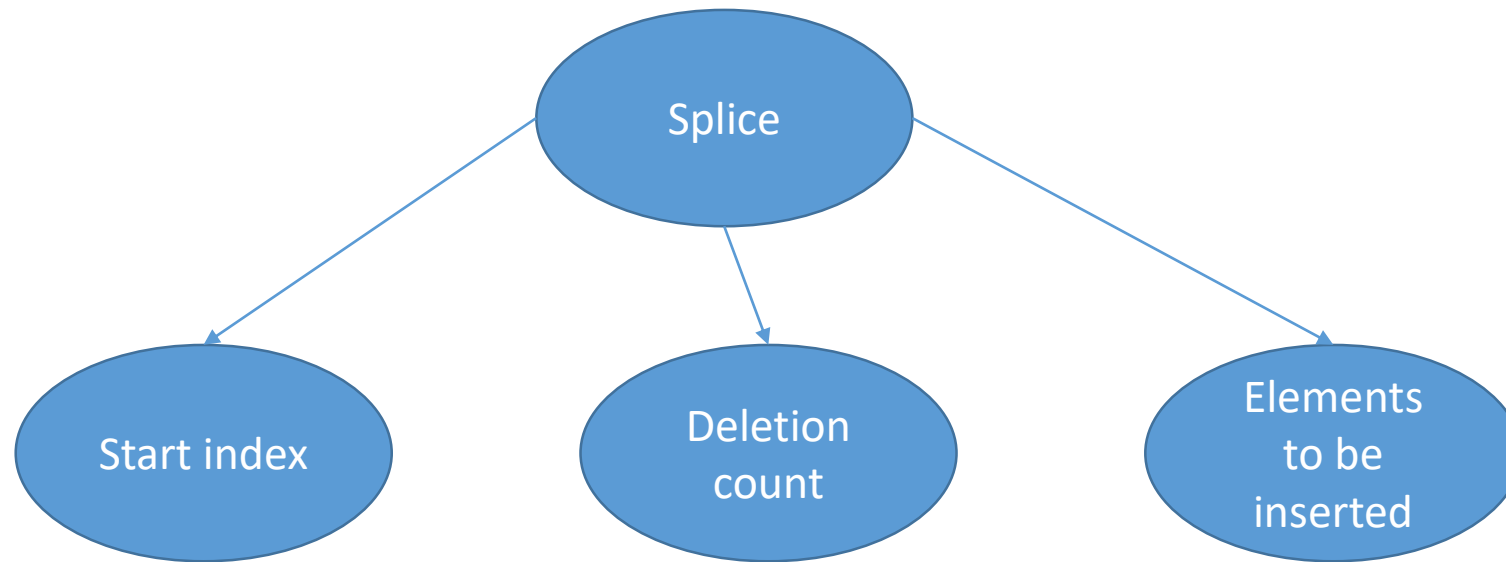
- Access the Elements of an Array
- `var cars = new Array("Saab", "Volvo", "BMW");`
- `console.log(cars[0]);`
- `Console.log(cars[1]);`
- `Console.log(cars[2]);`

# Array Functions

- Length
- Push
- Pop
- Shift
- Unshift
- Splice

# Array Functions

- Splice function has three parts LIKE::



# Splice

- `Var arr = [2,3,4,5];`
- `Splice(1,1);`  
Output: 2,4,5
- `Splice(1);`  
Output: 2
- `var arr = [2,3,4,5,6];`
- `Splice(2,0,10)`
- Output : 2,3,10,4,5,6

# Splice

- `Splice(2,0,10,20,40,50);`
- Out:: 2,3,10,20,40,50,10,4,5,6
  
- `Splice(2,2,40,50);`
- Out : 2,3,40,50,40,50,10,4,5,6

# Loops to access Array

- First for loop:
- `Var arr = [10,20,30,40,50];`
- `For(var i =0; i <arr.length; i++)`
- `{`
- `console.log(arr[i]);`
- `}`

# Loops to access Array

- Second method :

```
Var arr = [2,3,4,5,6,7];  
Function print(element)  
{  
    console.log(element);  
}  
  
arr.forEach(print);
```