

★ reduce \Rightarrow used to convert array of elements to a single element.

```
function sum (arr, starting point) {  
    let acc = starting point;  
    for (let i = 0; i < arr.length; i++) {  
        acc = acc + arr[i];  
    }  
    return acc;  
}
```

	1	2	3	4
Sum So far = 0	0 + 1	1 + 2	3 + 3	6 + 4
	1	3	6	10

⇒ let sum = arr.reduce(callback, 0);

function callback (accumulator, current Element) {
 return accumulator + current Element;

}

```
let obj = { a: 10, b: 20 }
```

```
function sum (arg1, arg2) {  
  console.log(this);  
  return arg1 + arg2;  
}
```

```
{  
  a: 10 ,  
  b: 20  
  tempfn: sum  
}
```

```
function.prototype.call = function ( ) {
```

```
  obj.tempfn = this;
```

```
  obj.tempfn();
```

```
}
```

sum.call() → the this keyword will store sum def.

obj = { a: 10, b: 20 }, function sum() {
}

★ function.prototype.call = function () {
 obj.tempFunc = this;
 obj.tempFunc();
}

⇒ Call method

★ Sum.call();

obj = {
 a: 10
 b: 20
 temp: Sum
}