

## 1-forEach()

- it's used to loop over data in the array and it returns void using forEach to copy data from one array to another array.

```
const Array=[1, 2, 3, 4, 5, 6];  
const reversed=[];  
Array.forEach((s,i)=>reversed[i]=s);  
Array.forEach((s)=>console.log(s)); //using forEach to to print data
```

- you can do operation on the elements before printing them without ever changing the existing array.

```
Array.forEach((s)=>console.log(s*2)); // printing elements multiplied by 2
```

## 2-map()

- map is somewhat like foEach except It returns a shallow copy of the array using forEach to copy data from one array to another array.

```
const copy= Array.map((m)=>m); //copy the array without modifying  
console.log(copy);
```

- using forEach to copy data from one array to another array and multiply the elements by to.

```
const copyDouble= Array.map((m)=>m*2); //copy the array with modifying  
console.log(copyDouble);
```