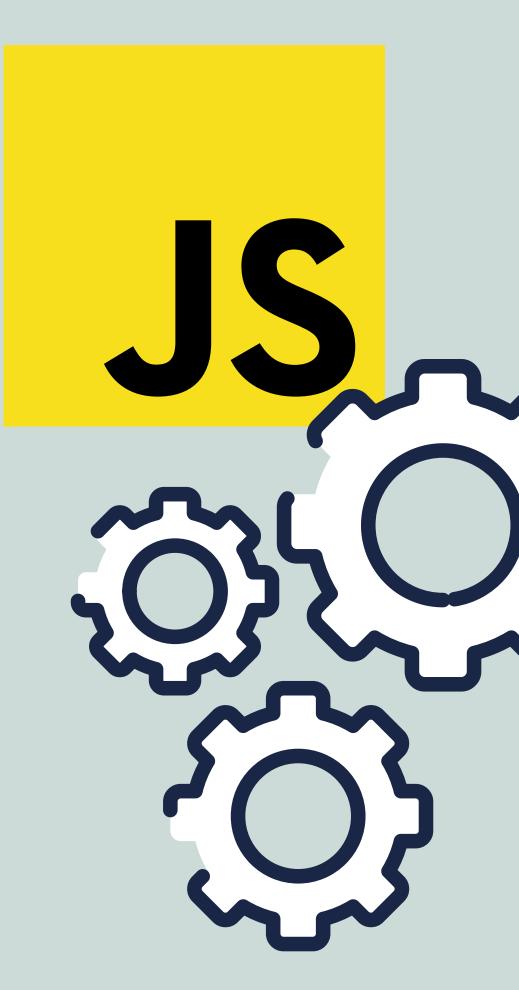
6 different ways to loop through an array



for Loop

```
const showRoom = [
    {id: 1, name: 'Maruti ', model: "Baleno"},
    {id: 2, name: 'Toyota', model: "Fortuner"},
    {id: 3, name: 'Mahindra', model: "Scorpio"},
    {id: 4, name: 'Tata', model: "Safari"},
];
for(let i = 0; i < showRoom.length; i++){</pre>
        console.table(showRoom[i].name);
Output:
"Maruti "
"Toyota"
"Mahindra"
"Tata"
```

forEach()

```
const showRoom = [
    {id: 1, name: 'Maruti ', model: "Baleno"},
    {id: 2, name: 'Toyota', model: "Fortuner"},
    {id: 3, name: 'Mahindra', model: "Scorpio"},
    {id: 4, name: 'Tata', model: "Safari"},
];
showRoom.forEach(function(car, index, showRoom) {
    console.log(` Name: ${car.name} Model: ${car.model}`);
});
Output:
" Name: Maruti Model: Baleno"
 Name: Toyota Model: Fortuner"
 Name: Mahindra Model: Scorpio"
  Name: Tata Model: Safari"
```

for/Offloop

```
const showRoom = [
    {id: 1, name: 'Maruti ', model: "Baleno"},
    {id: 2, name: 'Toyota', model: "Fortuner"},
    {id: 3, name: 'Mahindra', model: "Scorpio"},
    {id: 4, name: 'Tata', model: "Safari"},
];

for (let car of showRoom) {
    console.log(car.name)
}

Output:

"Maruti "
"Toyota"
"Mahindra"
"Tata"
```

While

```
const showRoom = [
    {id: 1, name: 'Maruti ', model: "Baleno"},
    {id: 2, name: 'Toyota', model: "Fortuner"},
    {id: 3, name: 'Mahindra', model: "Scorpio"},
    {id: 4, name: 'Tata', model: "Safari"},
];
let i=0;
while(i < showRoom.length) {</pre>
    console.log(showRoom[i].name)
    i++
}
Output:
"Maruti "
"Toyota"
"Mahindra"
"Tata"
```

Do while

```
const showRoom = [
    {id: 1, name: 'Maruti ', model: "Baleno"},
    {id: 2, name: 'Toyota', model: "Fortuner"},
    {id: 3, name: 'Mahindra', model: "Scorpio"},
    {id: 4, name: 'Tata', model: "Safari"},
];
let i = 0;
do {
    console.log(showRoom[i].name)
    i++
} while(i < showRoom.length)</pre>
Output:
"Maruti "
"Toyota"
"Mahindra"
"Tata"
```

Map()