6 different ways to loop through an array

JS

for Loop

```javascript
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++){
        console.table(showRoom[i].name);
}


Output:

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

forEach()

```javascript
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/ Off loop

```javascript
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

```javascript
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) {
    console.log(showRoom[i].name)
    i++
}


Output:

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

Do while

```javascript
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)

Output:

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

Map()

```javascript
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 car = showRoom.map(showRoom => showRoom.name);

console.log(car);


Output:

["Maruti ", "Toyota", "Mahindra", "Tata"]
```