


6 different  
ways to  
loop  
through  
an array



swipe >>

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

Output:

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

swipe >>

# 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"
```

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# for/ Off 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 car of showRoom) {  
  console.log(car.name)  
}
```

Output:

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

swipe >>

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

Output:

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

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# 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)
```

Output:

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

swipe >>

# Map()



```
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"]
```

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