

# MERN STACK DEVELOPMENT

## JS Arrays & Objects – Task 3

### 1. For the given JSON iterate over all for loops (for, for in, for of, forEach)

#### Input

```
let givenData = [  
  { player: "Dhoni", age: 39, team: "CSK" },  
  { player: "Rohit", age: 33, team: "MI" },  
  { player: "Virat", age: 32, team: "RCB" },  
];
```

#### code

```
// Iteration using for loop  
for (let i = 0; i < givenData.length; i++) {  
  console.log(givenData[i]);  
}
```

#### Output

▶ {player: 'Dhoni', age: 39, team: 'CSK'}	script.js:10
▶ {player: 'Rohit', age: 33, team: 'MI'}	script.js:10
▶ {player: 'Virat', age: 32, team: 'RCB'}	script.js:10
>	

#### code

```
// Iteration using for in loop  
for (let i in givenData) {  
  console.log(i, givenData[i]);  
}
```

#### Output

0 ▶ {player: 'Dhoni', age: 39, team: 'CSK'}	ript.js:15
1 ▶ {player: 'Rohit', age: 33, team: 'MI'}	ript.js:15
2 ▶ {player: 'Virat', age: 32, team: 'RCB'}	ript.js:15
>	

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## JS Arrays & Objects – Task 3

### code

```
// Iteration using for of loop
for (let i of givenData) {
  console.log(i);
}
```

### Output

```
▶ {player: 'Dhoni', age: 39, team: 'CSK'} script.js:20
▶ {player: 'Rohit', age: 33, team: 'MI'} script.js:20
▶ {player: 'Virat', age: 32, team: 'RCB'} script.js:20
> |
```

### code

```
// Iteration using forEach loop
givenData.forEach(function (i) {
  console.log(i);
});
```

### Output

```
▶ {player: 'Dhoni', age: 39, team: 'CSK'} script.js:25
▶ {player: 'Rohit', age: 33, team: 'MI'} script.js:25
▶ {player: 'Virat', age: 32, team: 'RCB'} script.js:25
>
```