

# Iterate through arrays

```
const myArray =  
["Javascript", "is", "fun"];
```

```
for (let i=0; i<myArray.length; i++) {  
    console.log(myArray[i]);  
}
```

```
for (let x of myArray) {  
    console.log(x);  
}
```

```
myArray.forEach(function(x) {  
    console.log(x);  
})
```

# Associative Arrays (aka Hashtables or Dictionaries)

```
const myDict = new Object();  
myDict["first"] = "JavaScript";  
myDict["second"] = "is";  
myDict["third"] = "fun";
```

Or

```
const myDict = {};  
myDict.first = "JavaScript";  
myDict.second = "is";  
myDict.third = "fun";
```

Or

```
const myDict = {first: "Javascript",  
                 second: "is",  
                 third: "fun"}
```