

Arrays

Arrays

```
// list of numbers
```

```
[1, 2, 3, 4];
```

```
// list of strings
```

```
['rick', 'morty', 'gearhead'];
```

```
// list of booleans
```

```
[true, false, true, true];
```

Represents lists of data

Access

```
var list = ['rick', 'morty', 'gearhead'];
```

```
list.length;
```

```
// => 3
```

```
list[0];
```

```
// => 'rick'
```

```
list[1];
```

```
// => 'morty'
```

```
list[2];
```

```
// => 'gearhead'
```

```
list[3]
```

```
// => undefined
```

```
list[length - 1];
```

```
// => 'gearhead'
```

Arrays

```
var list = ['rick', 'morty', 'gearhead'];

// add item
list.push('bird person');
// => 'bird person'

list;
// => ['rick', 'morty', 'gearhead', 'bird person'];

// remove item
list.pop()
// => 'bird person'

list;
// => ['rick', 'morty', 'gearhead'];
```

Arrays

```
var list = ['rick', 'morty', 'gearhead'];

// add item
list.unshift('bird person');
// => 'bird person'

list;
// => ['bird person', 'rick', 'morty', 'gearhead'];

// remove item
list.shift()
// => 'bird person'

list;
// => ['rick', 'morty', 'gearhead'];
```

Arrays

```
var list = ['rick', 'morty', 'gearhead'];

// reverse
list.reverse();
// => ['gearhead', 'morty', 'rick']

// index of
list.indexOf('morty');
// => 1

// get slice of list
list.slice(0, 2);
// => ['gearhead', 'morty']

list.concat(['summer', 'jerry']);
// => ['gearhead', 'morty', 'rick', 'summer', 'jerry']
```

Iterating arrays

Using "while"

```
var list = ['rick', 'marty', 'gearhead'];
```

```
var i = 0;
```

```
while (i < list.length) {  
    console.log(list[i]);  
    i++;  
}
```

```
// => rick
```

```
// => marty
```

```
// => gearhead
```

Iterating arrays

Using "for"

```
var list = ['rick', 'morty', 'gearhead'];  
  
for (var i = 0; i < list.length; i++) {  
    console.log(list[i]);  
}  
  
// => rick  
// => morty  
// => gearhead
```


Documentation

https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array

More in depth later