The Weird Side of JavaScript

Swipe

Arrays equal strings

```
var a = [0, 1, 2];
var b = [0, 1, 2];
var c = '0, 1, 2';

a == c; // true
b == c; // true
a == b; // false
```

Arrays are not equal

```
['a', 'b'] !== ['a', 'b']      // true

['a', 'b'] != ['a', 'b']       // true

['a', 'b'] == ['a', 'b']       // false
```

Numbers are sorted alphabetically

```
[10, 9, 8, 3, 2, 1, 0].sort();
// [0, 1, 10, 2, 3, 8, 9]
```

String is not a string

```
typeof 'thecodecrumbs';                // "string"

'thecodecrumbs' instanceof String; // false
```

Null comparison

```javascript
0 > null;                 // false

0 < null;                 // false

0 >= null;                // true

0 == null;                // false

0 <= null;                // true

typeof null;              // "object"

null instanceof Object;   // false
```

NaN is a number

```
typeof NaN        // 'Number'

123 === 123       // true

NaN === NaN       // false
```

Arrays and objects

```
[] + []    // ""

[] + {}    // "[object Object]"

{} + []    // 0

{} + {}    // NaN
```

Boolean maths

```
true + false           // 1

true + true == true    // false
```

Comment "explanation" to know why