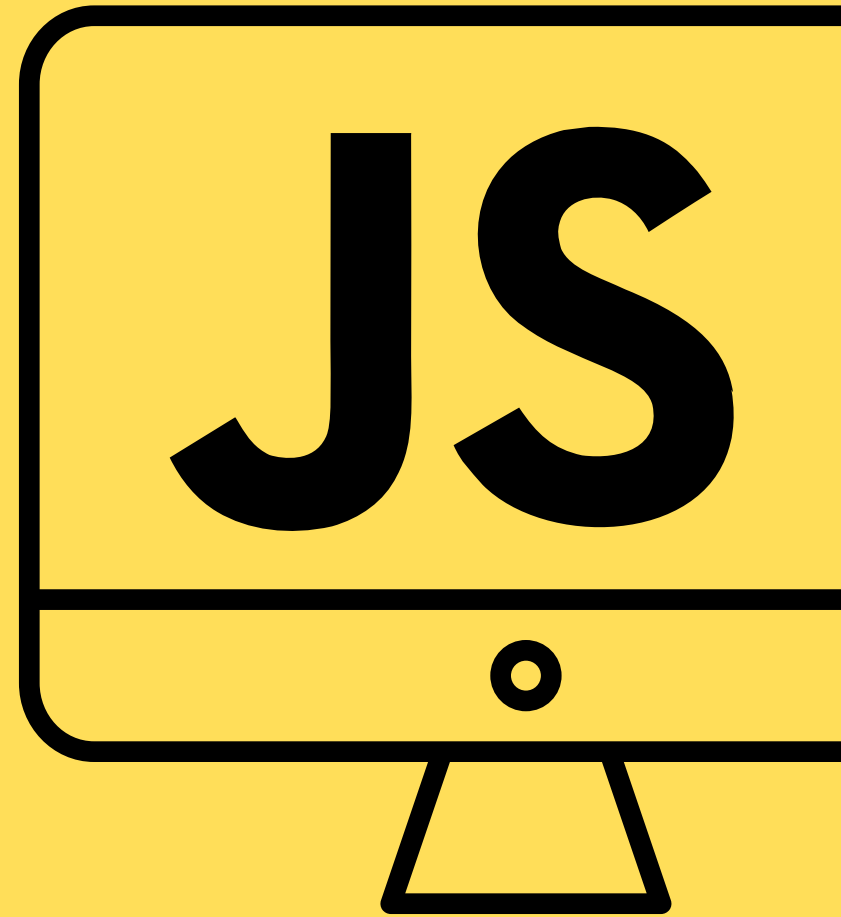# JavaScript

5 Tips & Tricks
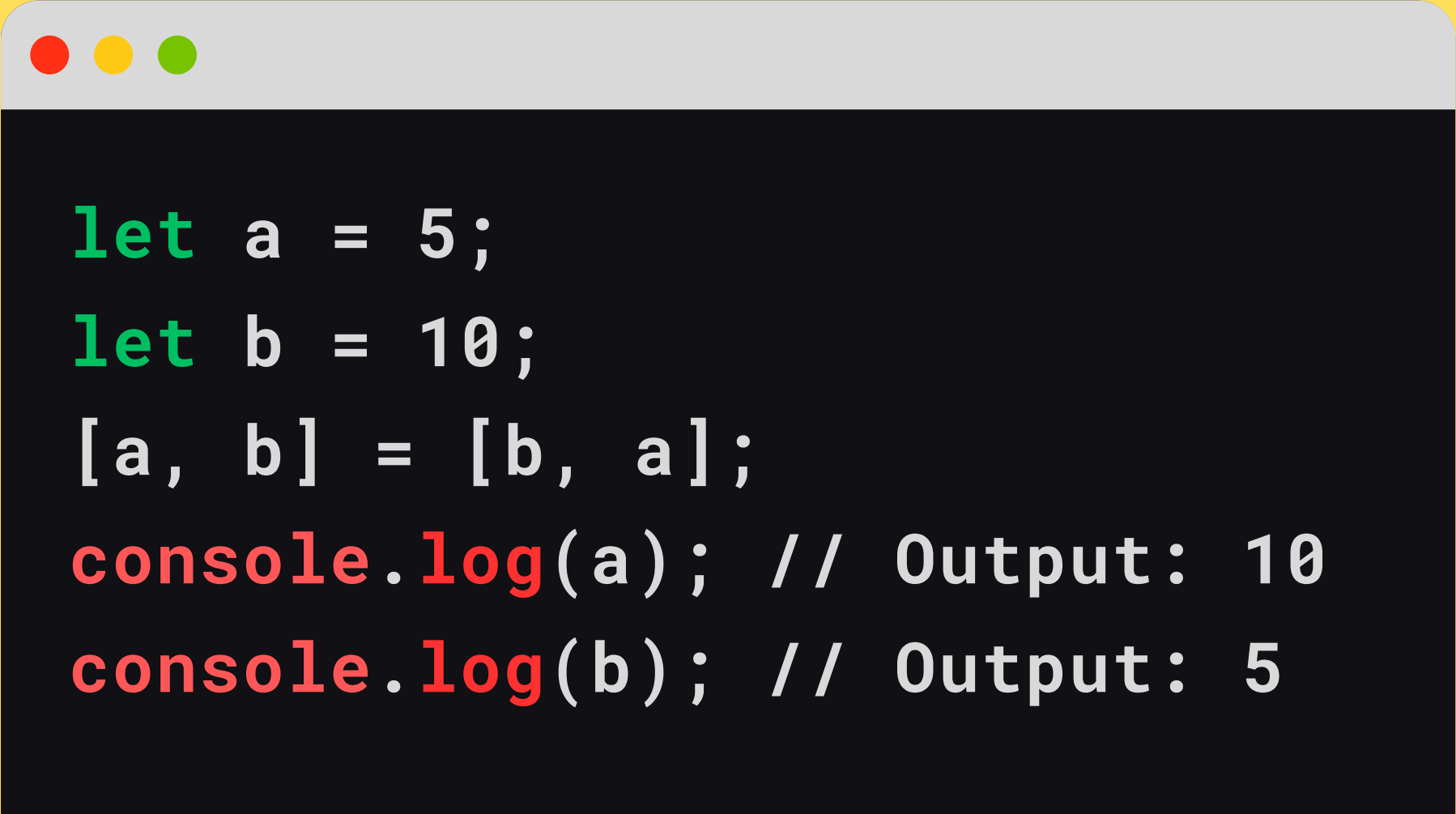
@saadjamilakhtar

JS

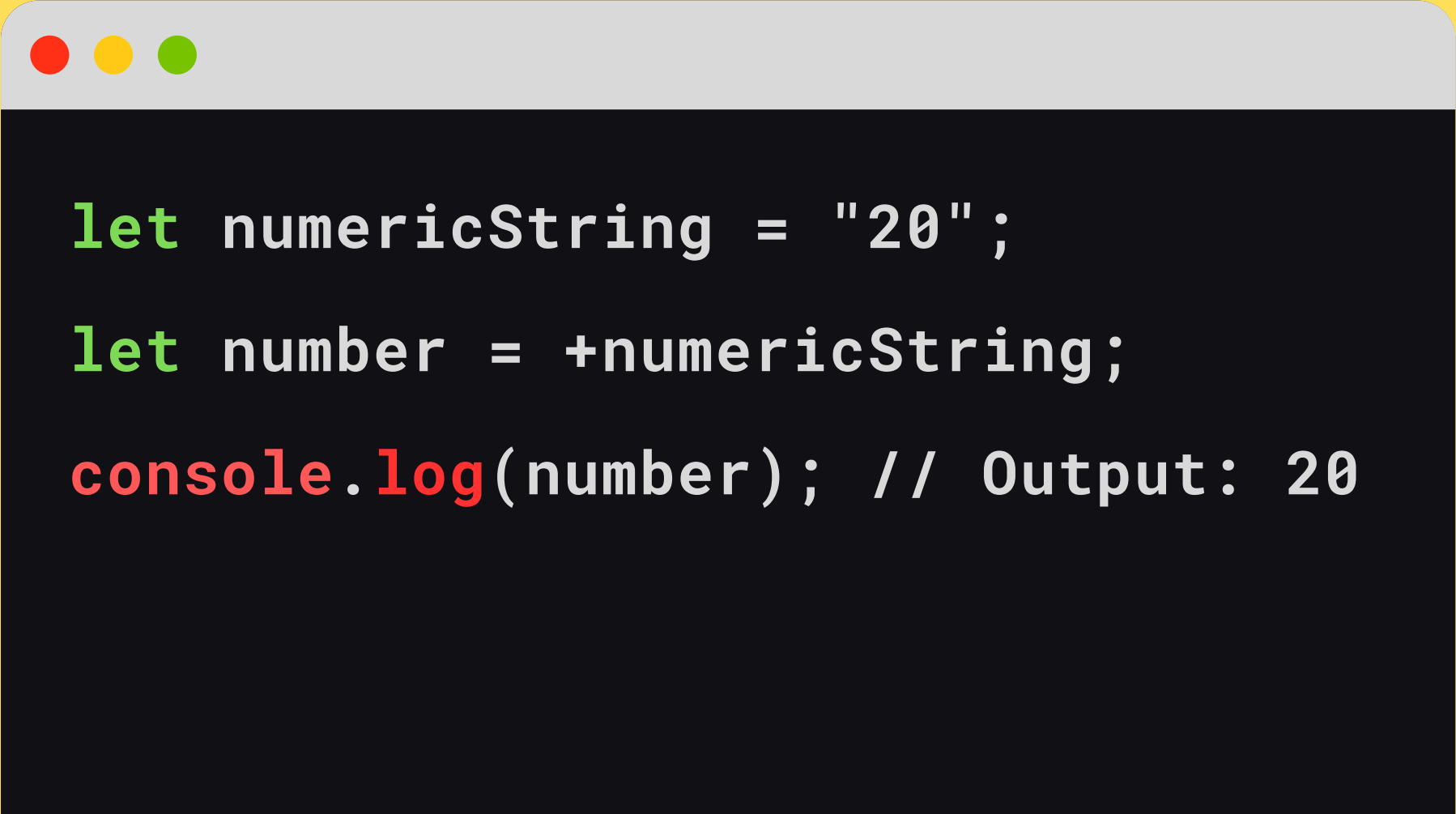Swipe >>>

JS

Swapping variable values

You can swap the values of two variables without using a temporary variable by utilizing destructuring assignment

```javascript
let a = 5;
let b = 10;
[a, b] = [b, a];
console.log(a); // Output: 10
console.log(b); // Output: 5
```

JS

Unary plus operator

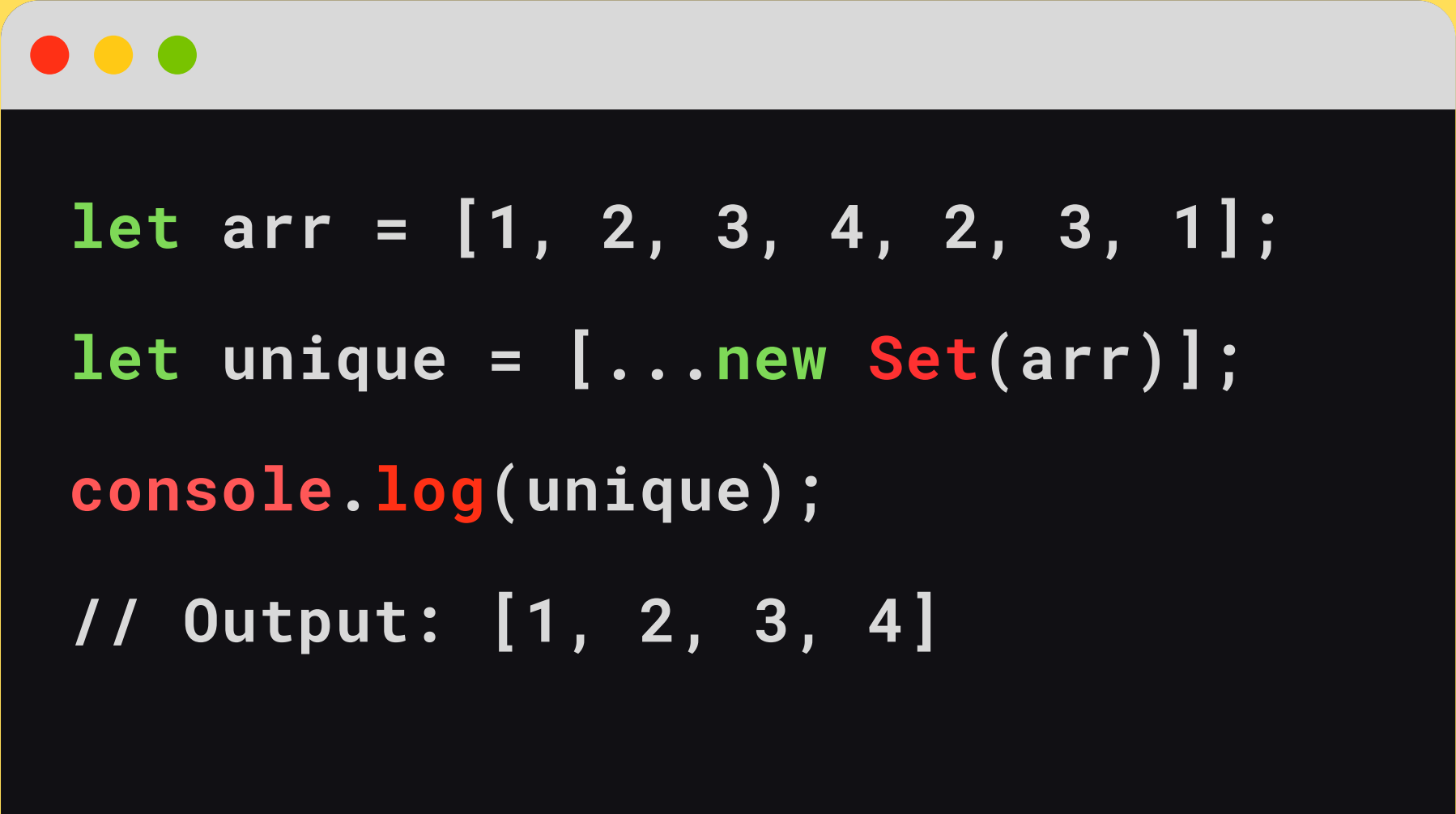To convert a string to a number, you can use the unary plus operator

```javascript
let numericString = "20";

let number = +numericString;

console.log(number); // Output: 20
```

JS

Removing duplicates from an array

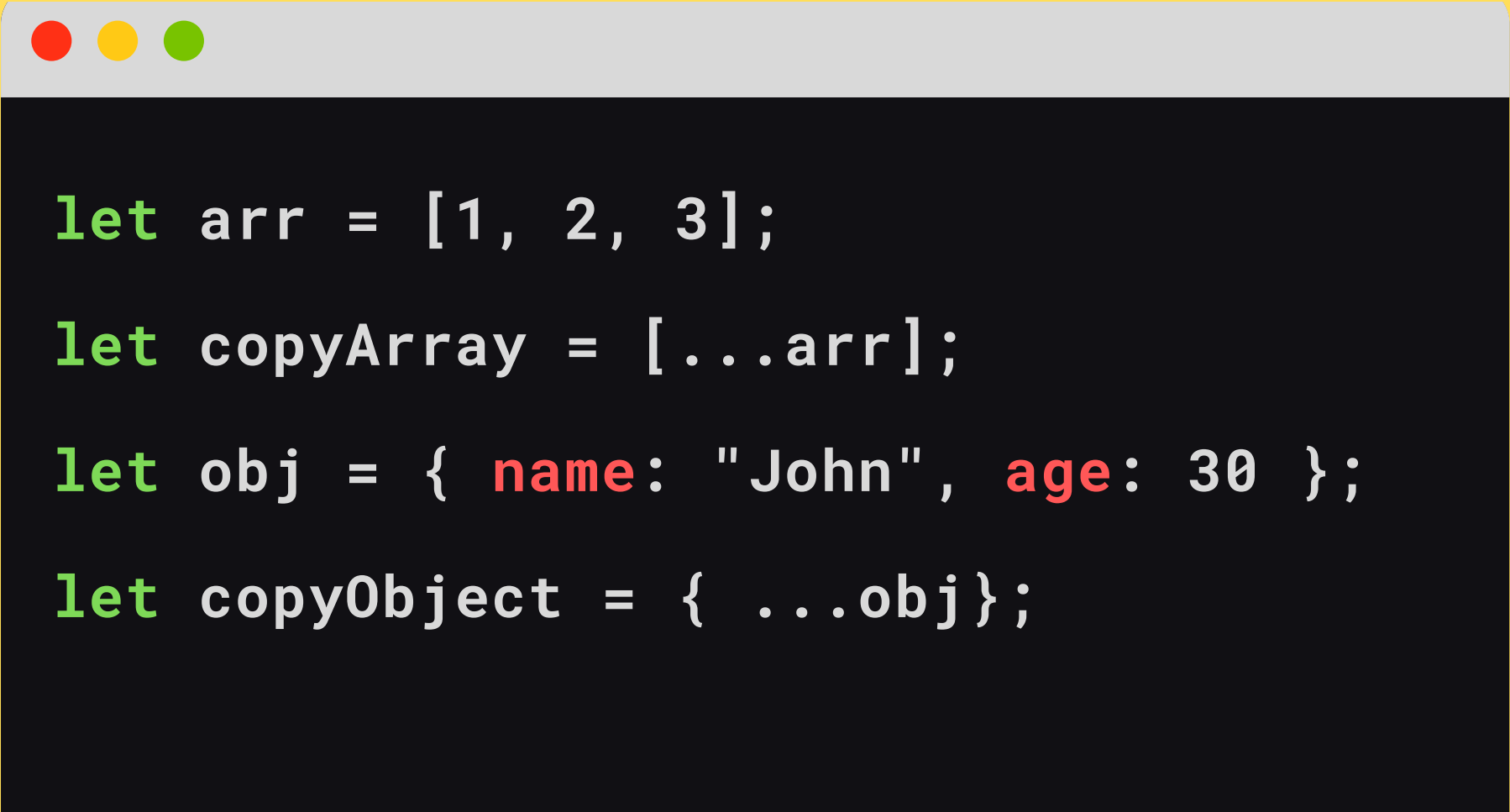You can remove duplicate elements from an array by using the Set object and the spread operator

```javascript
let arr = [1, 2, 3, 4, 2, 3, 1];

let unique = [...new Set(arr)];

console.log(unique);

// Output: [1, 2, 3, 4]
```

JS

Copy an array or object

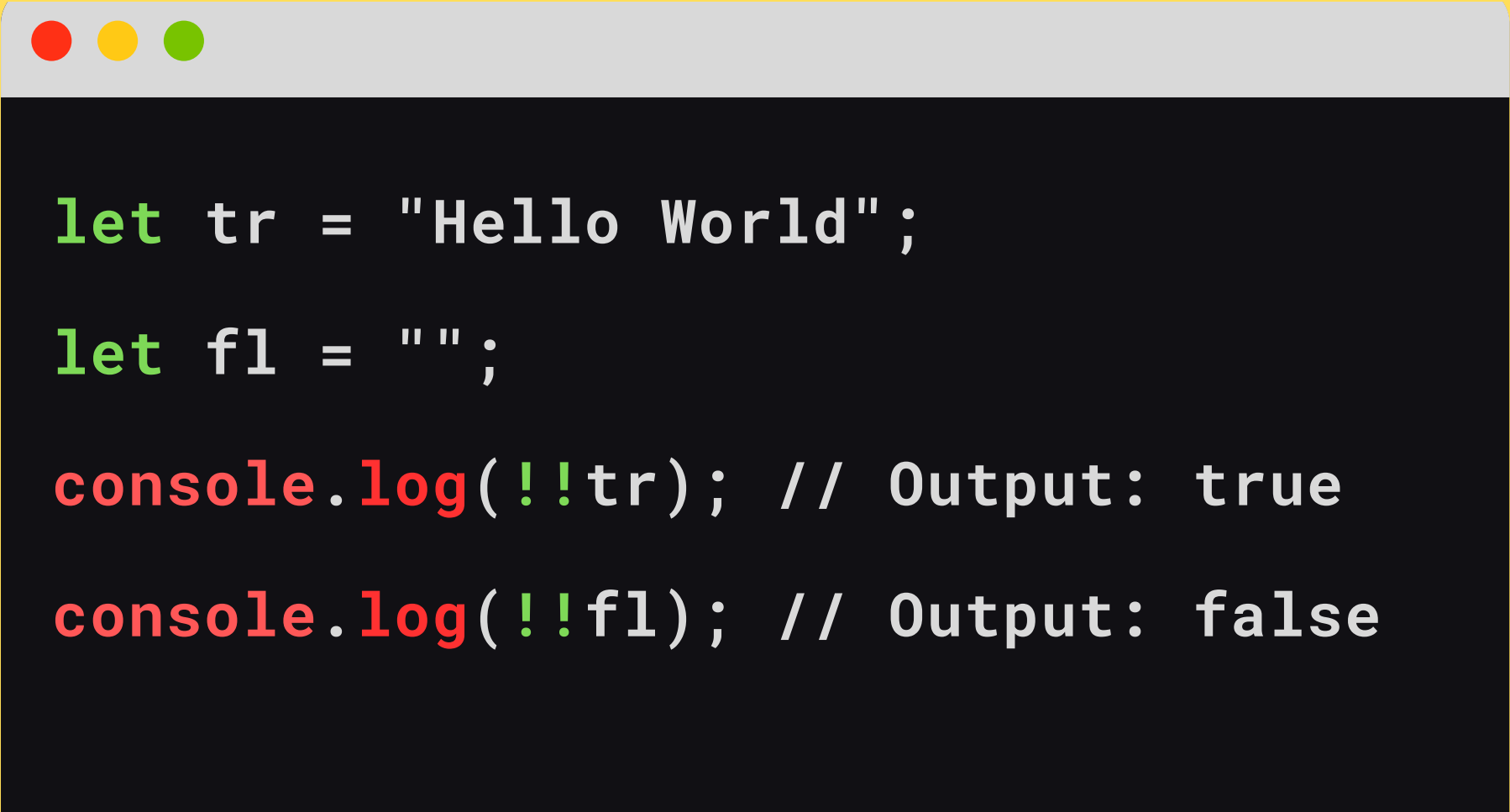Use spread operator for creating a copy of an array or object

```javascript
let arr = [1, 2, 3];

let copyArray = [...arr];

let obj = { name: "John", age: 30 };

let copyObject = { ...obj};
```

JS

truthy or falsy

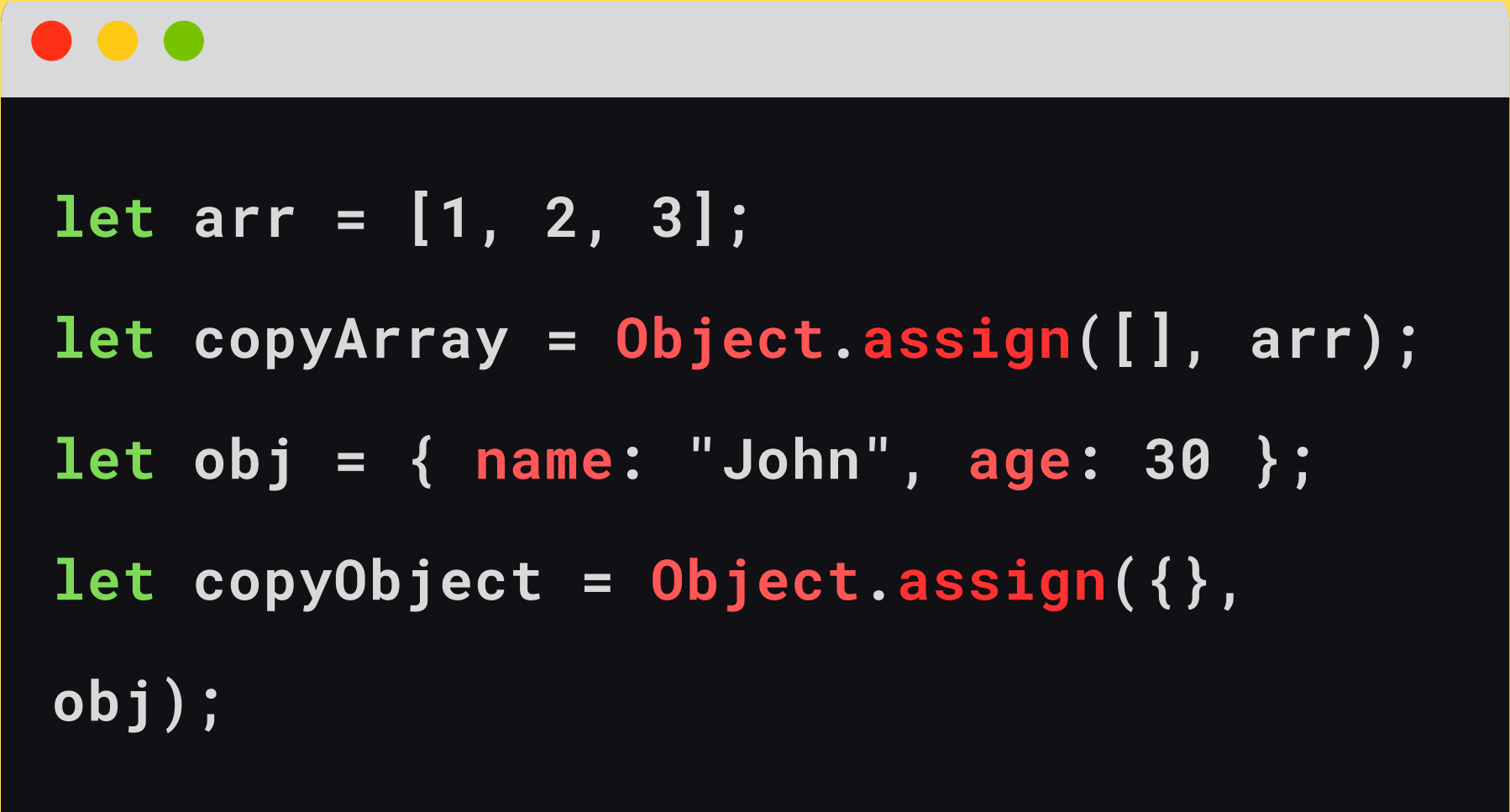check if a variable is truthy or falsy using the `!!` operator

```javascript
let tr = "Hello World";

let fl = "";

console.log(!!tr); // Output: true

console.log(!!fl); // Output: false
```

Bonus

JS

Copy an array or object

Use Object.assign() for creating a copy of an array or object

```javascript
let arr = [1, 2, 3];

let copyArray = Object.assign([], arr);

let obj = { name: "John", age: 30 };

let copyObject = Object.assign({}, obj);
```

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