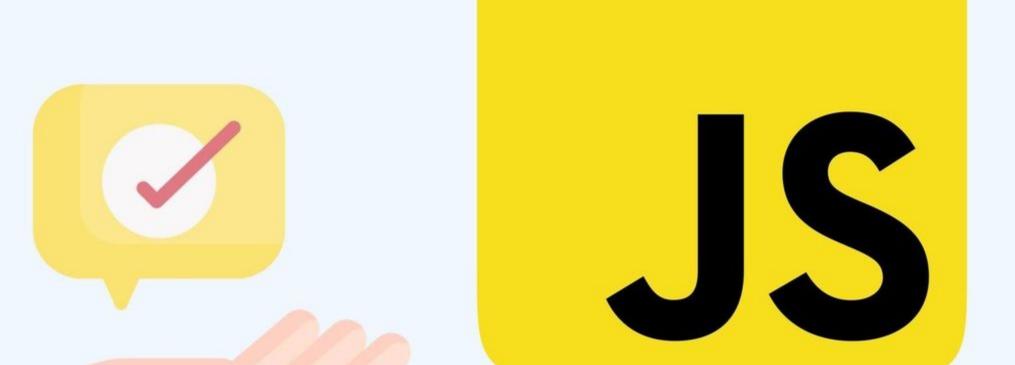# 8 Tips to write less JavaScript

JavaScript

JS

Condition true

```
// Longhand

if (booleanVar === true) {}
```

```
// Shorthand

if (booleanVar) {}
```

Arrow Function

```javascript
// Longhand
function greet(name) {

  console.log("Hey " + name);

}
```

```javascript
// Shorthand
const greet = name ⇒ console.log("Hey " + name);
```

Template Literals

```
// Longhand

const name = "John";
const day = "Friday";


const greet = "Hi " + name + ", Have a wonderful " + day + "!";
```

```
// Shorthand

const name = "John";
const day = "Friday";


const greet = `Hi ${name}, Have a wonderful ${day}!`;
```

Power of any number

```
// Longhand
Math.pow(3,6);  // 729
```

```
// Shorthand
3**6;  // 729
```

Assignment Operator

```
// Longhand

x = x + y;

x = x - y;
```

```
// Shorthand

x += y;

x -= y;
```

Declaring Variables

```javascript
// Longhand
let x;

let y;

let z = 'a';
```

```javascript
// Shorthand
let x, y, z = 'a';
```

Ternary Operator

```javascript
// Longhand
let isAdult;
if (age > 17) {
  isAdult = true;
} else {
  isAdult = false;
}
```

```javascript
// Shorthand
let isAdult = age > 17 ? true : false;
```