FRONTEND DEVELOPMENT

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JAVASCRIPT

- Scripting Language

- Event-Driven

- Untyped

JAVASCRIPT

- JIT (Just-In-Time) Compiling & Execution

- Everywhere (Web, Server, App)

- V8 Engine (Turbofan & Ingnition)

HELLO WORLD

```javascript
function hi() {
    console.log('Hello World')
}
```

EXAMPLE

```javascript
var a = [1, 2, 3, "String", true]

a[5] = 1.5

for (var tmp in a) {
    console.log(a[tmp])
}
```

OBJECTS

```
var a = {
    'awesome': "yes",
    still_dre: true,
}

(a.awesome == a['awesome']) // True
```

CLASSES

```javascript
class Foo {
    static greetingPrefix() {
        return 'Hello'
    }

    constructor(name) {
        this.name = name;
    }

    greeting() {
        return Foo.greetingPrefix() + ' ' + this.name;
    }
};

console.log(Foo.greetingPrefix());

console.log(new Foo('JS').greeting());
```

COMMENTS

```
// thisFunctionsIsBad();

/*
NastyCode();
*/

GoodCode();
```

STRINGS

```
var a = 'Some text'
var b = "Some more"
var c = `
  Some
  multiline
  text
`

var n = 5
var d = `n = ${n}`
var e = `magic: ${(++n - 2) * 3}`

console.log(a, b, c, d, e)
```