→ Overview JS
→ JS fundamentals (data types and variables)
→ Arrays, Objects, etc

JavaScript has **nothing** to do with Java

JS is a language used to put **interactivity** to your websites, web apps, etc.

Live Script
~~~
↓
Java
~~~
↓
EcmaScript

JS Engine

Chrome → V8 Engine
Safari → JavaScript Core
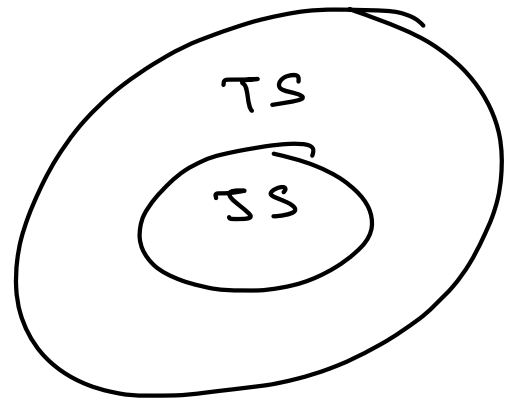Firefox → Spider Monkey

```
<html>
   _____
   <script _____ /> ← Render Blocking tag
   
   _____
</html>
```

→ Server-side code → Node's

→ Server side rendering

→ Web Apps → React JS, Express, Vue JS, etc

→ Mobile Development → React Native, Ionic, etc

→ Desktop → Electron JS

TS

JS

JS does not care about data type initialization for variables. It is called

loosely types language.

It is also called dynamically typed language because values can be assigned to variables anytime, anywhere with the same name.

Ecma Script 2015 (ES6)

↳ let

$\llcorner$ const

	Re – declare	Re – Initialise
var	✓	✓
let	✗	✓
const	✗	✗

Datatypes

Primitive (Pure)

→ String
→ Number
→ Boolean
→ undefined
→ null

Non- Primitive (mix of primitive)

→ Functions
→ Arrays
→ objects

let a = 10
↓
let a;
a = 10;

`x000c` a = 10