

ES5 vs ES6

Taught in this course (from the beginning on)!

JavaScript Evolution

ES5 (and older)

Supported in basically all browser, including old IE

Only had var, not let or const

Generally same syntax as ES6, but quite some missing features

ES6 (and newer): Modern JavaScript

Supported in modern browsers, can (mostly) be transpiled to ES5

Many new features that help us write cleaner, better & faster code

Still under active development, but ES6 was a big step forward



var vs let vs const

Creates a variable

Creates a variable

Creates a variable

Creates a constant

Available since ... ever

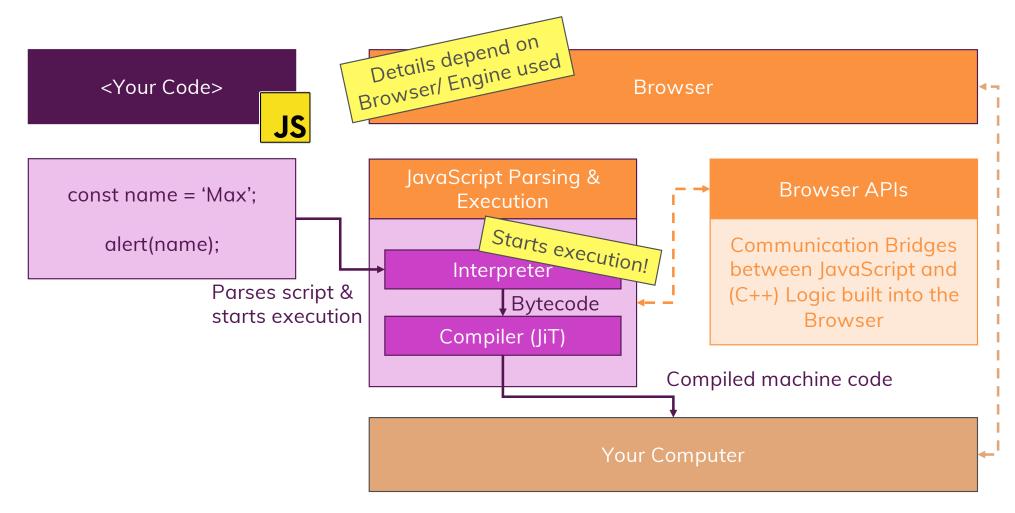
Available since ES6

Block scope

Block scope

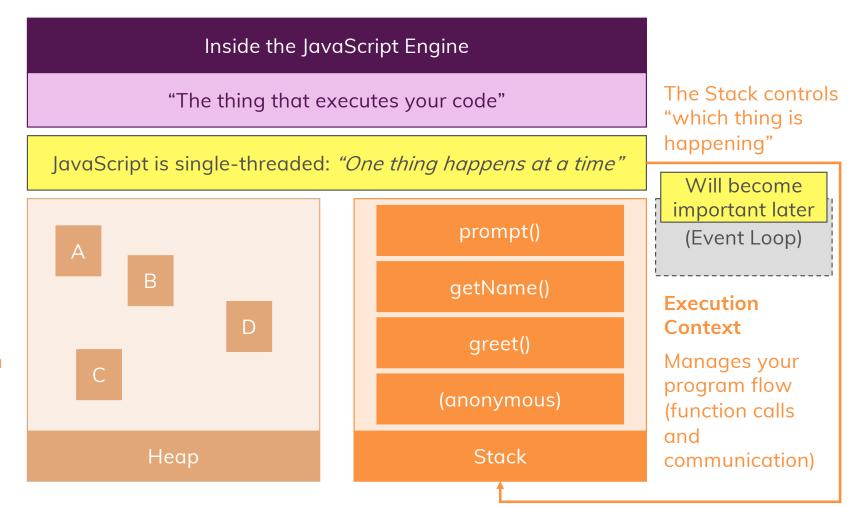


JavaScript Engines & What They Do





How Code Gets Executed

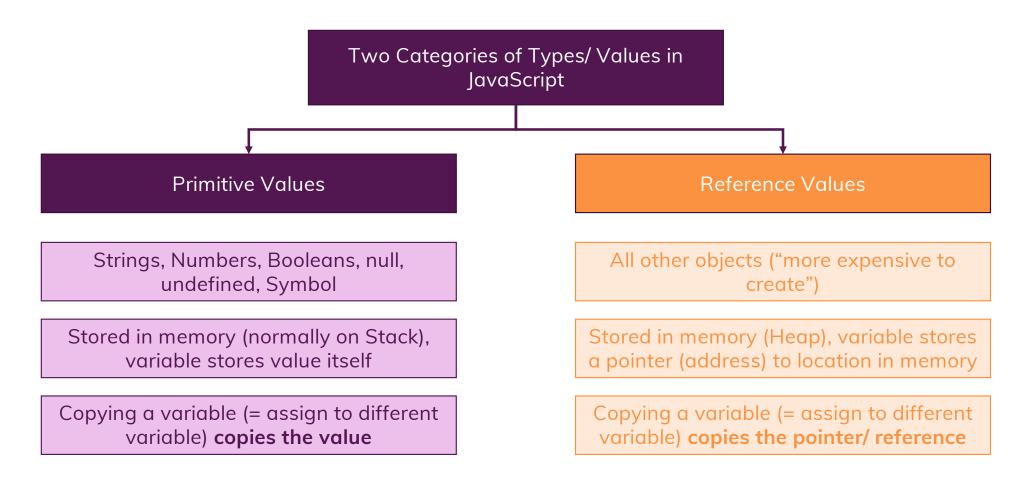


Memory allocation

Stores data in your system memory and manages access to it



Primitive vs Reference Values





Garbage Collection

