



Day 2



#### What are Variable?



In JavaScript, variables are used to store data. They are an essential part of any programming language, as they allow you to store, retrieve, and manipulate data in your programs.

There are a few different ways to declare variables in JavaScript, each with its own syntax and rules



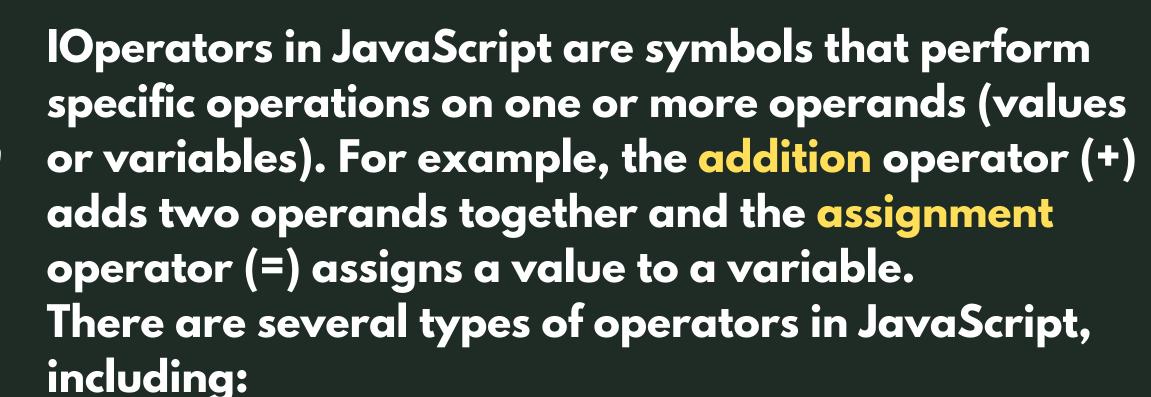
### Data Types?



- Numbers (e.g. 10, 3.14)
- Strings (e.g. "hello", 'world')
- Booleans (e.g. true, false)
- Arrays (e.g. [1, 2, 3])
- Objects (e.g. { name: "John", age: 30 })



# Operator and Expressions

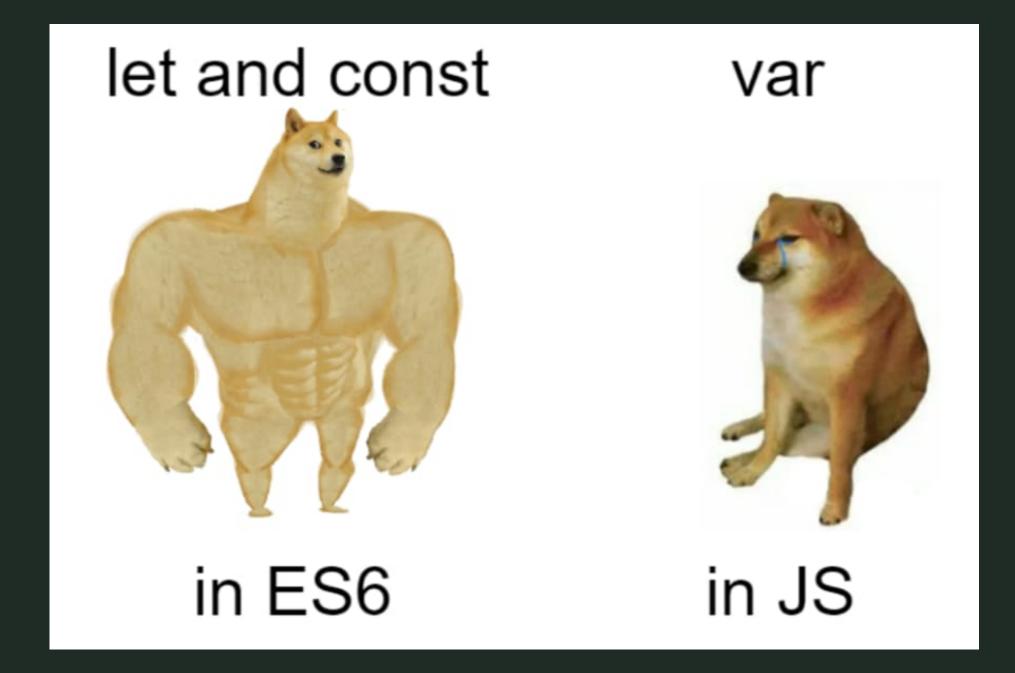


- Arithmetic operators (e.g. +, -, \*, /, %)
- Comparison operators (e.g. >, <, >=, <=, ==, !=)</li>
- Logical operators (e.g. &&, II, !)
- Assignment operators (e.g. =, +=, -=, \*=, /=)
- Conditional (ternary) operator (e.g. ?:)











## Var vs let vs Const?

keyword	const	let	var
global scope	NO	NO	YES
function scope	YES	YES	YES
block scope	YES	YES	NO
can be reassigned	NO	YES	YES





### Fun Fact?

