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

Day 2

Data Types?

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IIn JavaScript, there are several data types that you can use to store different types of data. Some common data types include:

- **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 })

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Operator and Expressions

IOperators in JavaScript are symbols that perform specific operations on one or more operands (values or variables). For example, the **addition** operator (+) adds two operands together and the **assignment** operator (=) assigns a value to a variable.
There are several types of operators in JavaScript, including:

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

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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

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