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***TASK TITLE Variables (var, let, const), Data types***

**Variables (var, let, const)**

In JavaScript, **variables** are used to store data.

* **var** – Old way to declare variables (function-scoped, can be redeclared).
* **let** – Modern way, block-scoped, can be updated but not redeclared.
* **const** – Block-scoped, **cannot be changed** after assignment.

**Example:**

var a = 10;

let b = 20;

const c = 30;

**Data Types in JavaScript**

JavaScript has **two types of data**:

**🧮 Primitive Types (basic values)**

* String – text ("Hello")
* Number – integers/floats (42, 3.14)
* Boolean – true/false
* Null – empty or unknown
* Undefined – variable declared but no value
* Symbol – unique value (used rarely)
* BigInt – very large integers

**📦 Non-Primitive Types**

* Object – collection of key-value pairs
* Array – ordered list of values
* Function – block of code

**Example:**

let name = "Ali"; // String

let age = 18; // Number

let isStudent = true; // Boolean

let list = [1, 2, 3]; // Array