

1. JS & TS Basics

Friday, 28 November 2025 7:26 PM

	Java	Java Script	Type Script
Variables & Types	int count = 10; String name = "John";	const x = 10; // constant let y = 20; // reassignable	const count: number = 10; let username: string = "John";
Functions	int add(int a, int b) { return a + b; }	const add = (a, b) => a + b;	const add = (a: number, b: number): number => { return a + b; };
Objects			const user = { id: 1, name: "Alice", }; console.log(user.name); // accessing field
Interface			interface User { id: number; name: string; } const user: User = { id: 1, name: "Bob" };
Arrays			const numbers = [1, 2, 3]; const names: string[] = ["a", "b"];
Destructuring Object			const { id, name } = user;
Destructuring Array			const [first, second] = numbers;
Promises + async/await			