

1. JS & TS Basics

Friday, 28 November 2025 7:26 PM

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