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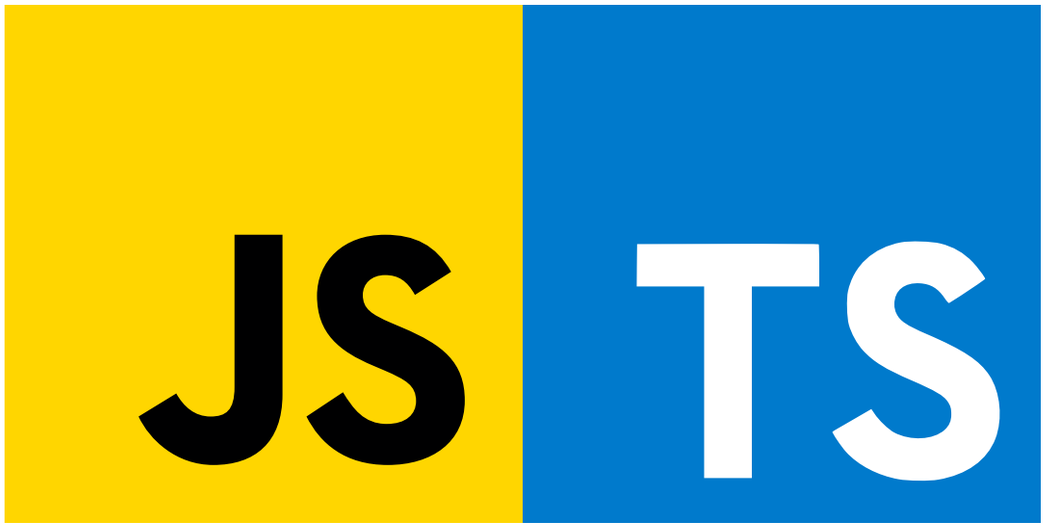
JavaScript

vs.

TypeScript



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1. STATIC TYPING

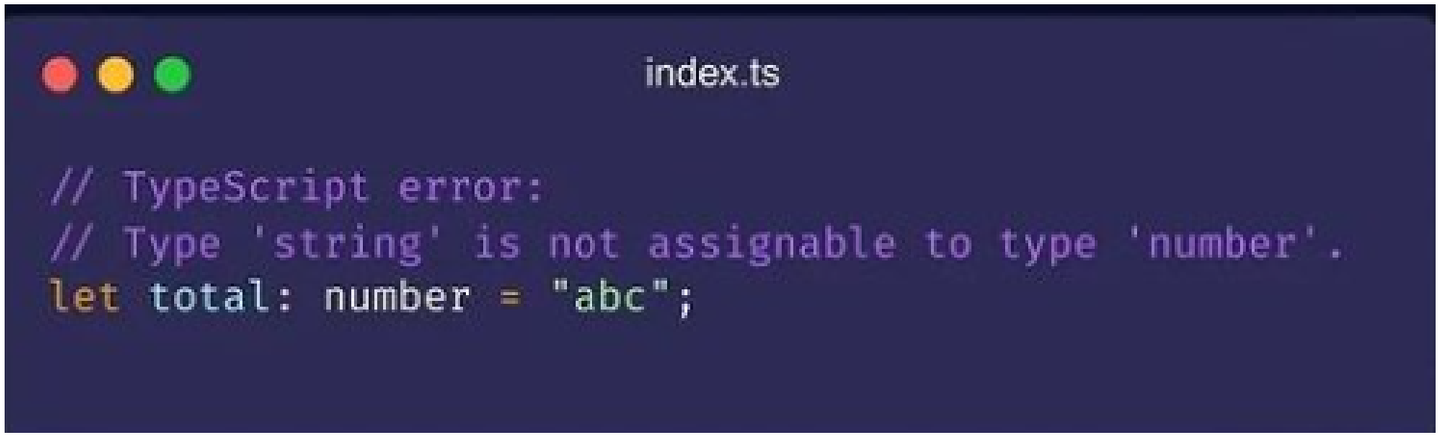
JavaScript is dynamically typed language. TypeScript is statically typed language, which means you must declare variable types.

2. TYPE INTERFACES

JavaScript lacks type inference. TypeScript infers types based on the assigned values.

3. COMPILE-TIME ERRORS

JavaScript errors are runtime. TypeScript detects errors at compile time due to type checking.



4. INTERFACES

JavaScript lacks native support for defining interfaces. TypeScript allows you to define and use interfaces for complex data structures.

5. ENUMS

JavaScript supports no native enums.

TypeScript supports enums for defining set of named constant values.

6. STRICT MODE

"use strict" mode is optional in JavaScript for stricter error handling. TypeScript strict mode is enforced by default.

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