**\*\**let* and *const* Exercise**

In this exercise, you’ll refactor some ES5 code into ES2015.

**ES5 Global Constants**

var PI = 3.14;

PI = 42; // stop me from doing this!

**ES2015 Global Constants**

/\* Write an ES2015 Version \*/

const PI = 3.14;

// Attempting to reassign will result in an error

// PI = 42; // This will produce an error

**Quiz**

* What is the difference between ***var*** and ***let***?

var has function scope and is hoisted, allowing for redeclaration.

let has block scope, is hoisted but not initialized, and prevents redeclaration in the same scope.

* What is the difference between **var** and ***const***?

var allows both assignment and reassignment and has broader scope.

const enforces immutability and has block scope, preventing reassignment after initial declaration.

* What is the difference between **let** and **const**?

let allows variable reassignment and has block scope.

const enforces immutability (no reassignment) and has block scope.

* What is hoisting?

Hoisting is a JavaScript behavior where variable and function declarations are moved to the top of their containing scope during compilation, allowing you to use them before they are formally declared in your code.