**let and const Exercise**

**ES5 Global Constants**

**var** PI = 3.14;

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

## ES2015 Global Constants

const PI = 3.14;

PI = 42; *// Error*

## Quiz

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

// *both var and let can be reassigned, and mutated; however, var can also be redeclared and creates function scope whereas let cannot be redeclared creates block scope*

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

*// const cannot be reassigned or redeclared but can be mutated and follows block scope rules. Var can be reassigned, redeclared and mutated and follows function scope rules*

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

//both let and const can be mutated and cannot be redeclared and follow block scope rules; however, const cannot be reassigned where let can

* What is hoisting?

*//hoisting is a term that describes visually how var is assigned before any other scope they are declared in. When using*var*, you can access the variable name and it’s undefined value before it is used later on.*