***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 PI as:*

**const** PI = 3.14 *to stop the value from being reassigned*

**Quiz**

* What is the difference between ***var*** and ***let***?
  + Var can be redeclared and reassigned. Let cannot. Also, var is hoisted and let is not. Let is block scoped (scoped to the code block).
* What is the difference between ***var*** and ***const***?
  + Var can be redeclared and reassigned. Const cannot but the contents can be mutated in some cases. Also, var is hoisted and const is not. Const is block scoped (scoped to the code block).
* What is the difference between ***let*** and ***const***?
  + With let you can reassign but not redeclare
  + With const, you can neither reassign nor redeclare
* What is hoisting?
  + When the declared Var’s are run before anything else as the page loads; so if you looked at it before it is defined, it would return “undefined” rather than an error
  + So, it can be accessed before it’s defined