

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 */
```

Quiz

- What is the difference between **var** and **let**?
- What is the difference between **var** and **const**?
- What is the difference between **let** and **const**?
- What is hoisting?

Solution

Const pi = 3.14;
Cannot redeclare

Var is a function scope and also is in the window, and can be redeclared where let cannot and is also block scoped

Var is function scope, const is block scope. Const cannot be redeclared or changed, only mutated.

Only difference between let and const is let can be reassigned, const cannot.

Hoisting is when the variables get declared at the top, which is what var does and let and const do not do this