

Let and Const Exercise

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Reference: SpringBoard solution

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;
```

Quiz

- What is the difference between **var** and **let**?
 - ▼ var can be redeclared and has a function scope while let cannot be redeclared and has a block scope. Both can be reassigned.
- What is the difference between **var** and **const**?
 - ▼ var can be reassigned and redeclared while const cannot be reassigned or redeclared and has a block scope
- What is the difference between **let** and **const**?
 - ▼ Let can be reassigned while const cannot be.
- What is hoisting?
 - ▼ Hoisting refers to the process whereby the interpreter appears to move the declaration of a variable to the top of their scope prior to code execution. Hoisting is only possible with var.