

ES2015



let-const Exercise  
Rodrigo Serrano

06/13/2022

# ***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;
```

```
PI = 42; // There is going to be an error here as const's value can't be changed
```

## **Quiz**

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

The difference is that, while both can be reassigned, var can be restated and let cannot. Besides this, var is hoisted while let isn't.

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

The difference is that var is hoisted, can be reassigned and restated, while const restricts so this doesn't happen.

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

While both variables aren't hoisted, let can be reassigned while const can't.

- What is hoisting?

Hoisting is that when we use var the "var nameExample =" is saved before everything else and the value is saved on the same line that the variable statement was made. This means that "nameExample's" value would be undefined until the line of the original statement is run.