

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**?
 - What is the difference between **var** and **const**?
 - What is the difference between **let** and **const**?
 - What is hoisting?
1. We can reassign and redeclare a variable with **var** but with **let** we can only reassign a variable.
With **var**, “variable hoisting” is possible but with **let** we can avoid “variable hoisting”.
var is Function-scoped but **let** is Blocked-scoped.
 2. We can reassign and redeclare a variable with **var** but with **const** we cannot reassign or redeclare a variable.
With **var**, “variable hoisting” is possible but with **const** we can avoid “variable hoisting”.
var is Function-scoped but **const** is Blocked-scoped.
 3. With **let**, we can only reassign a variable, but with **const** we cannot reassign or redeclare a variable.
 4. It’s the way that we explain how the JS compiler works. Variables are lifting or “hoisted” to the top of the 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.
Function declarations are also hoisted and can be invoked “before” they are defined in a codebase.