

Clean Code 3

1. Write readable, fast, independent, and repeatable tests.

2. Use US English spelling to match Apple's API.

Preferred: let color = "red"

Not Preferred: let colour = "red"

3. Protocol Conformance

In particular, when adding protocol conformance to a model, prefer adding a separate extension for the protocol methods.

Preferred:

```
class MyViewController: UIViewController {  
    // class stuff here  
}  
  
// MARK: - UITableViewDataSource  
extension MyViewController: UITableViewDataSource {  
    // table view data source methods  
}  
  
// MARK: - UIScrollViewDelegate  
extension MyViewController: UIScrollViewDelegate {  
    // scroll view delegate methods
```

```
}
```

Not Preferred:

```
class MyViewController: UIViewController,  
UITableViewDataSource, UIScrollViewDelegate {  
  
    // all methods  
  
}
```

4. Comments

When they are needed, use comments to explain why a particular piece of code does something. Comments must be kept up-to-date or deleted.

5. Computed Properties

For conciseness, if a computed property is read-only, omit the get clause. The get clause is required only when a set clause is provided.

6. Constants

Constants are defined using the let keyword and variables with the var keyword. Always use let instead of var if the value of the variable will not change.

7.Optionals

Declare variables and function return types as optional with ? where a nil value is acceptable.