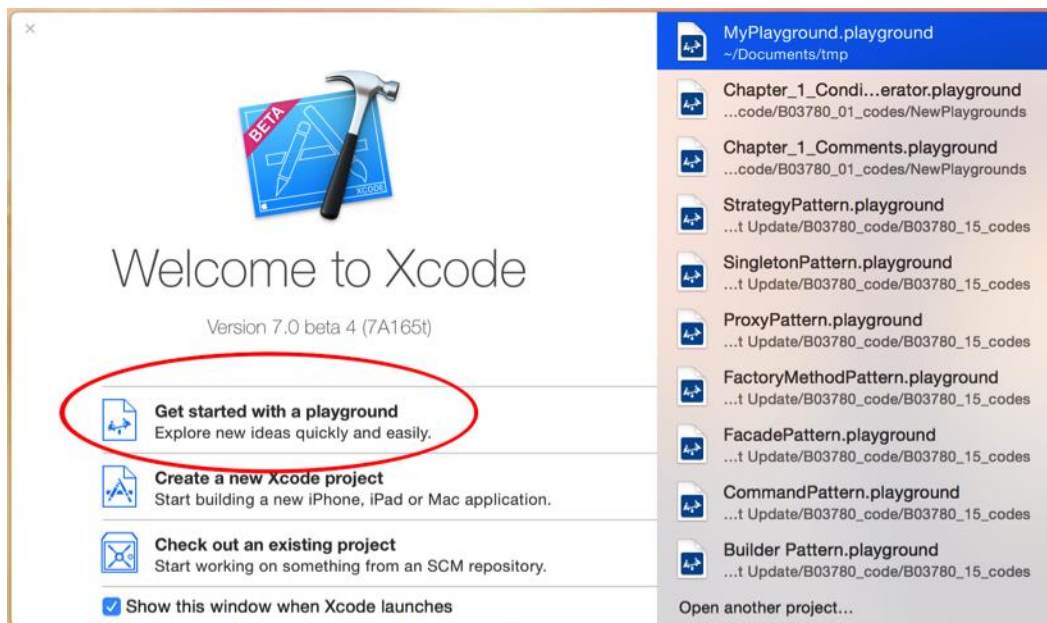
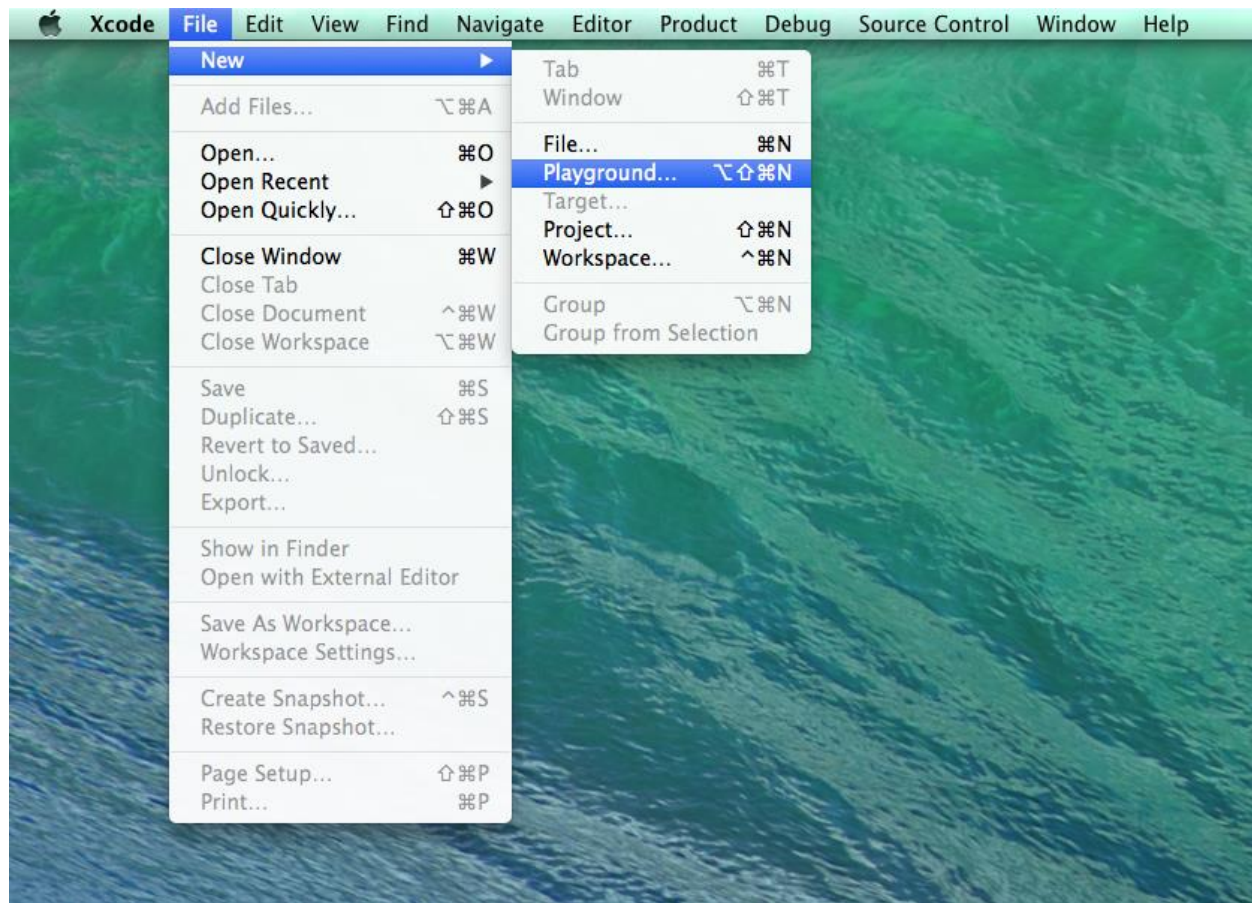
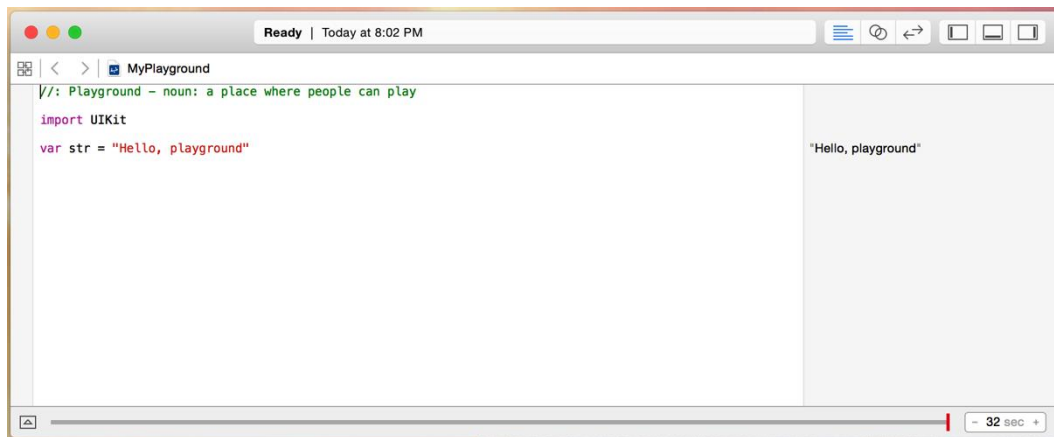
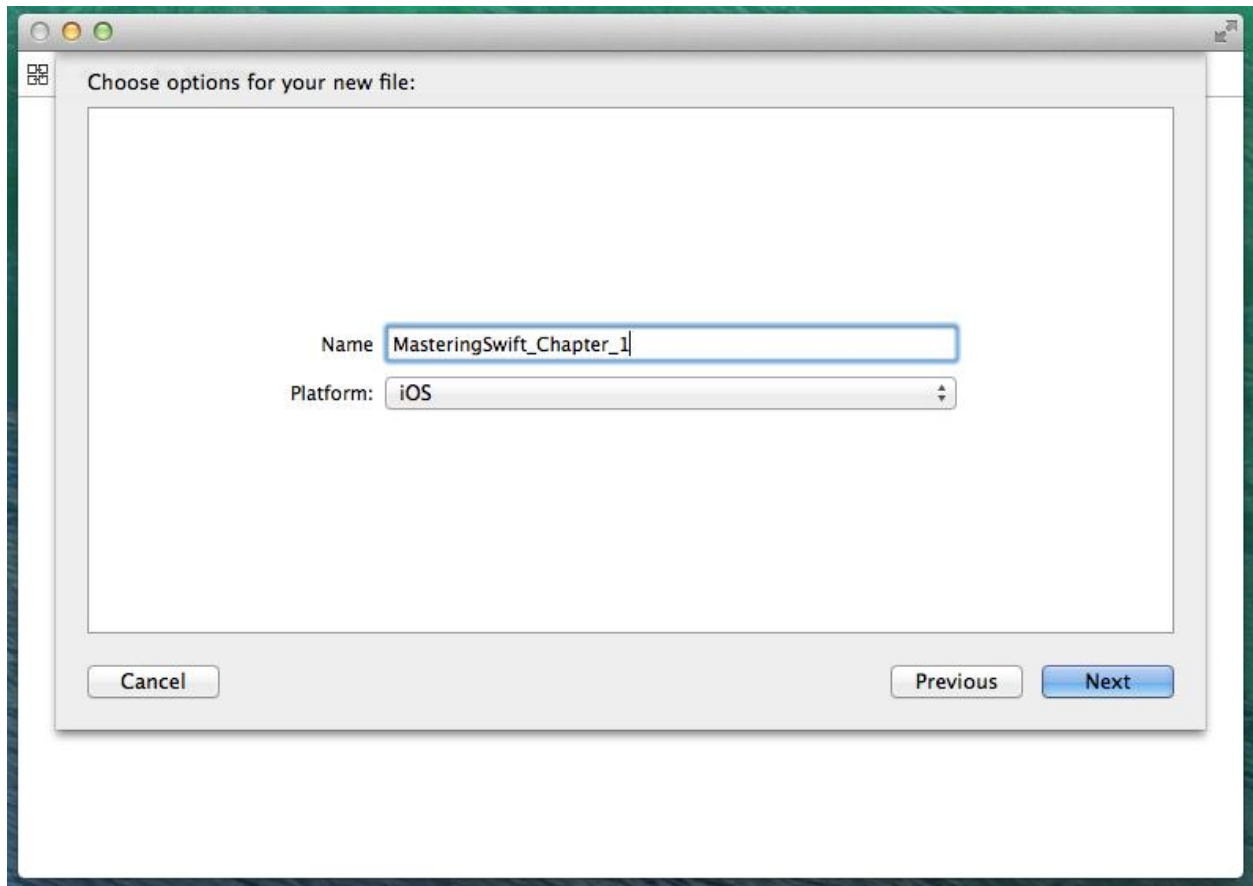
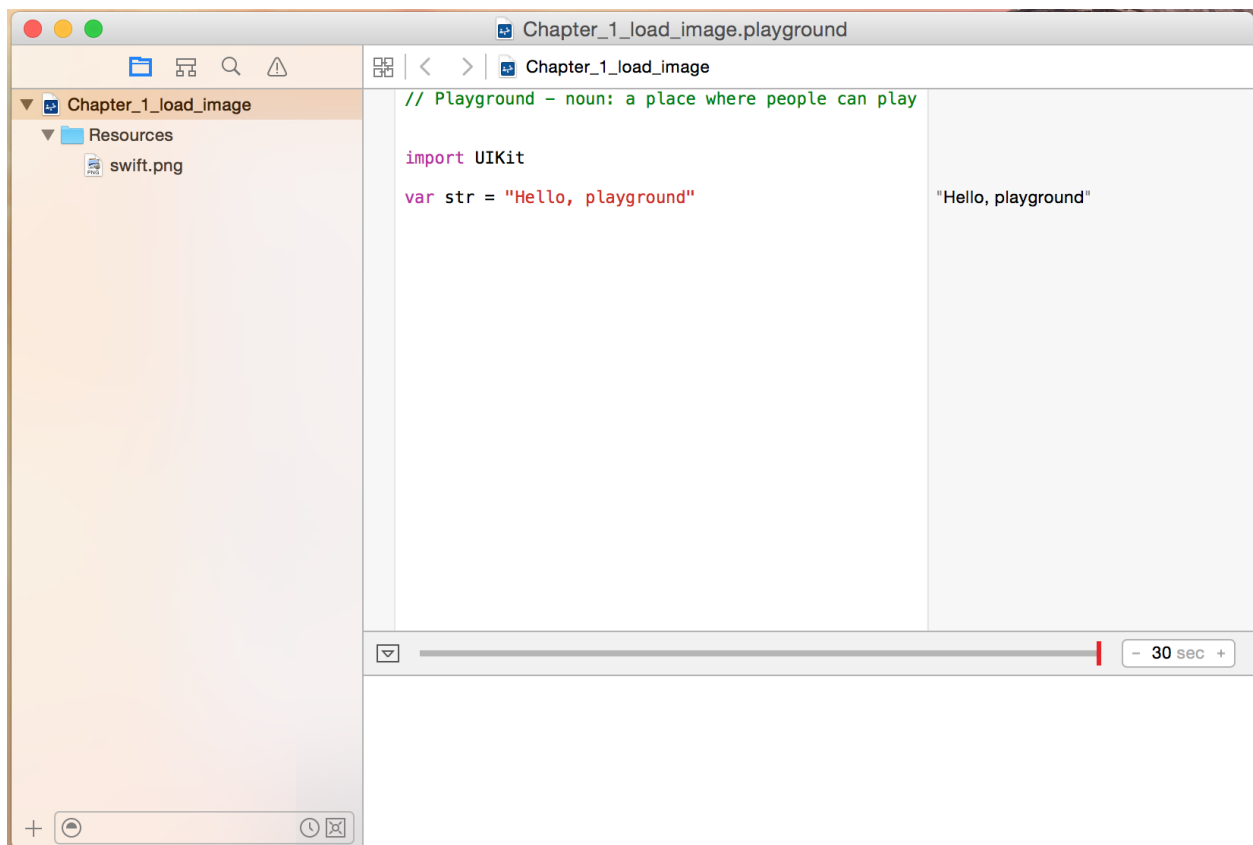
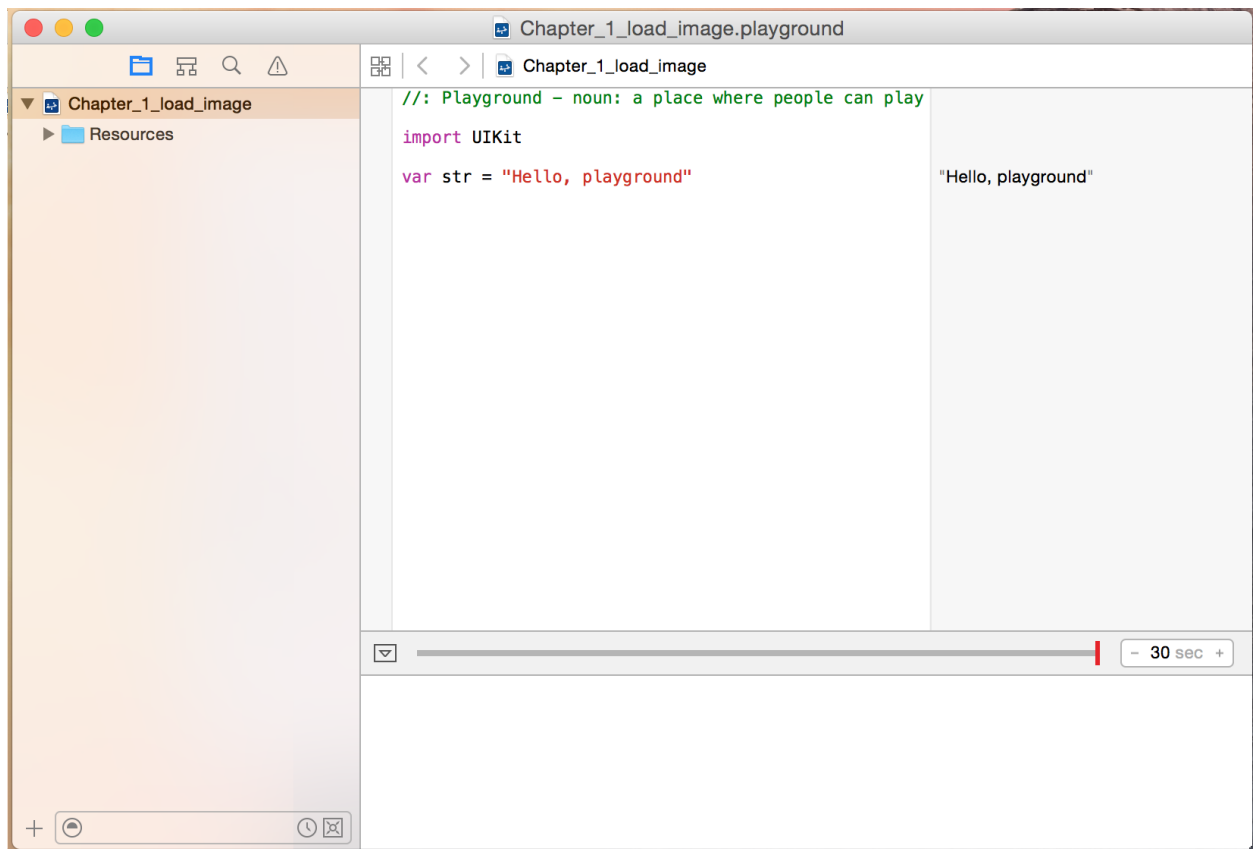


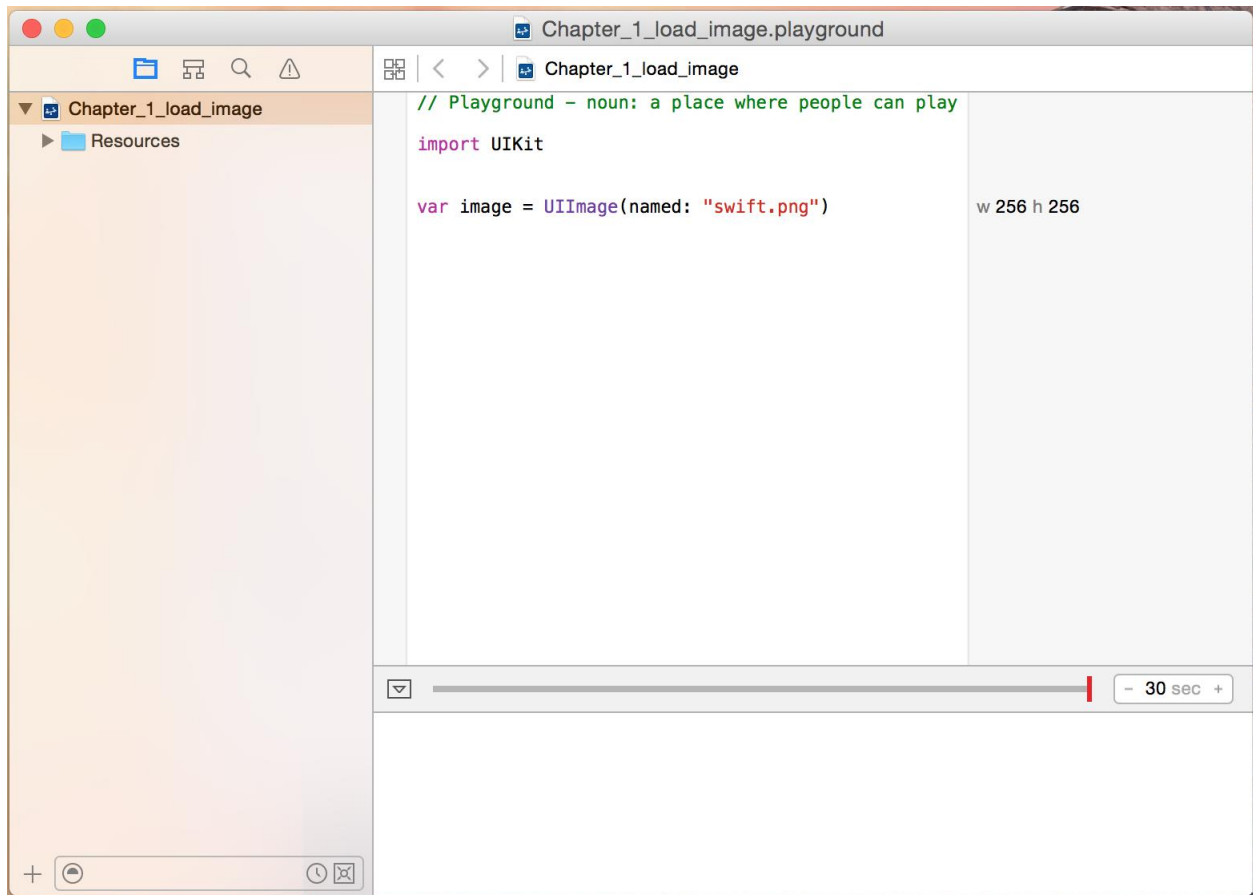
## Chapter 1: Taking the First Steps with Swift

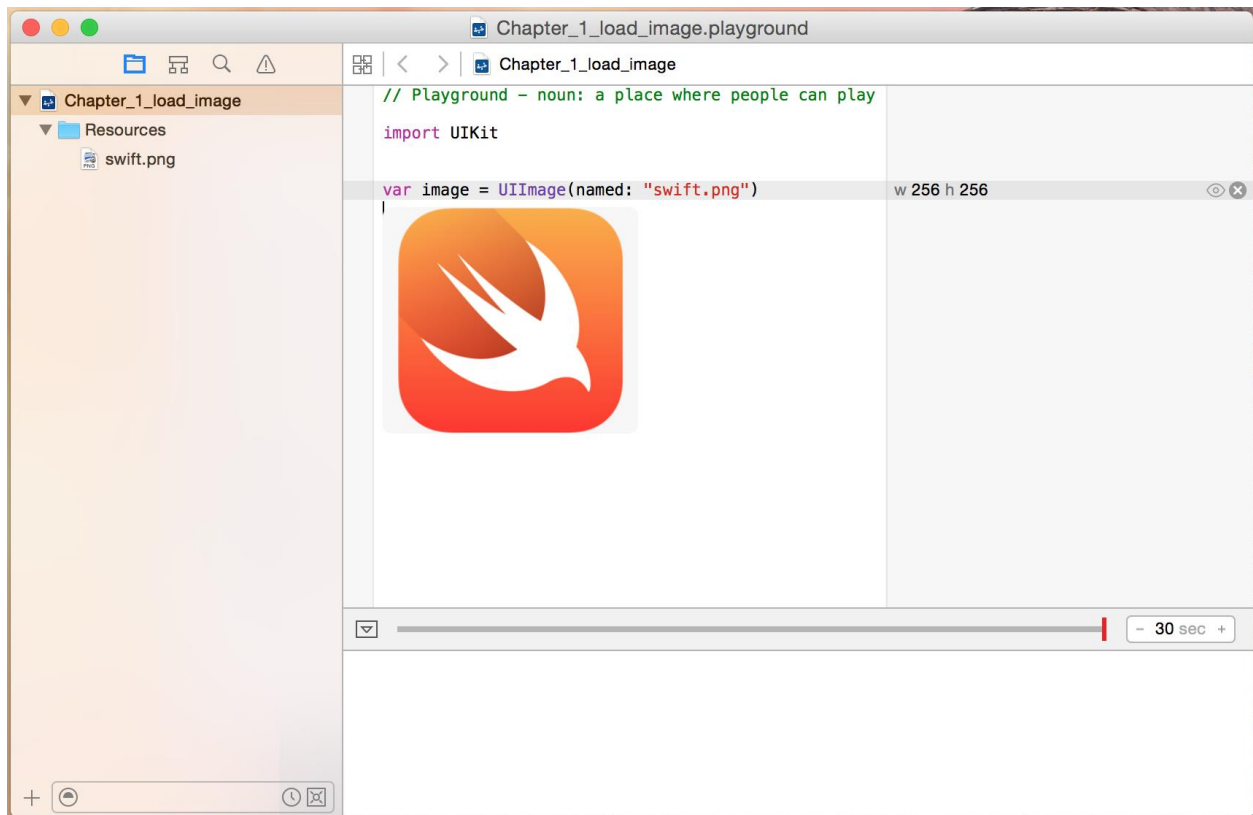
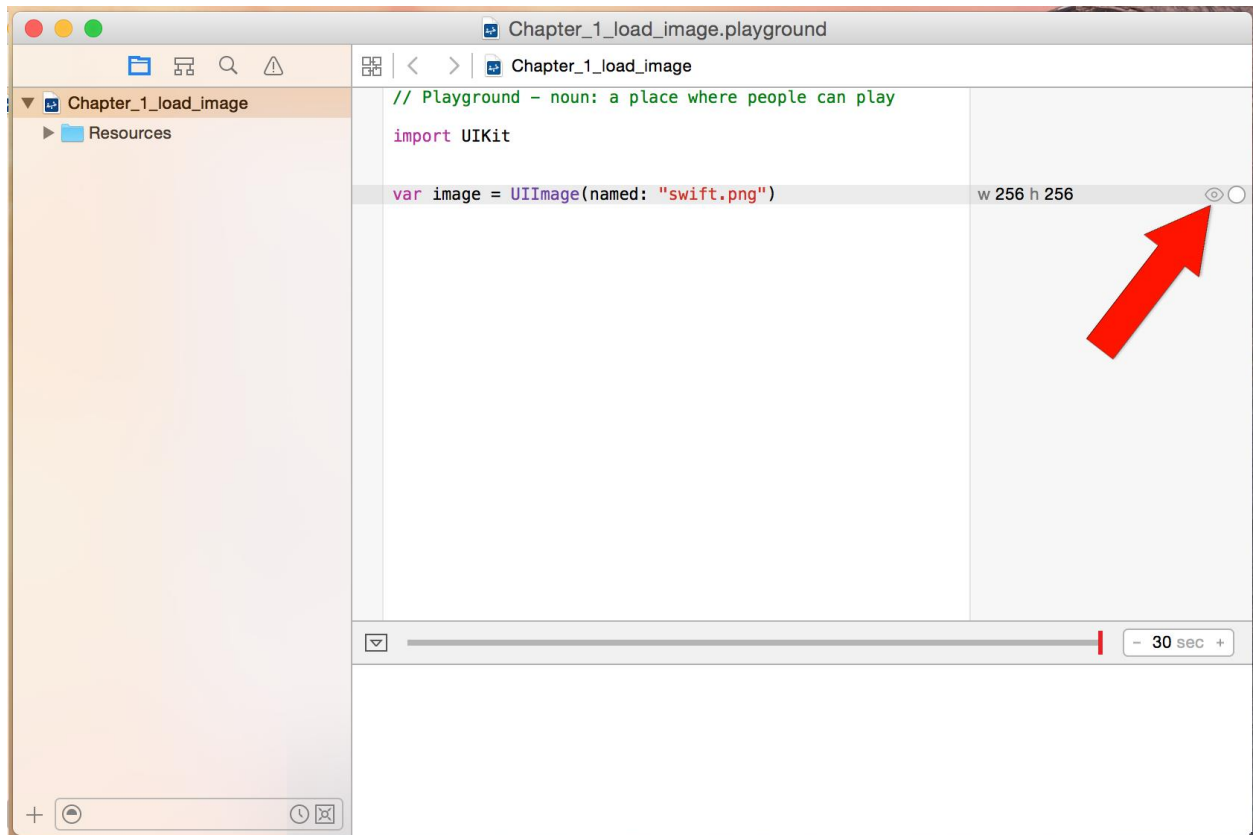












MyPlayground.playground

```
//: Playground - noun: a place where
  people can play

import UIKit

var j = 1
for i in 1...5 {
  j = j * i
}
```

120

1  
(5 times)

- 30 sec +

MyPlayground.playground

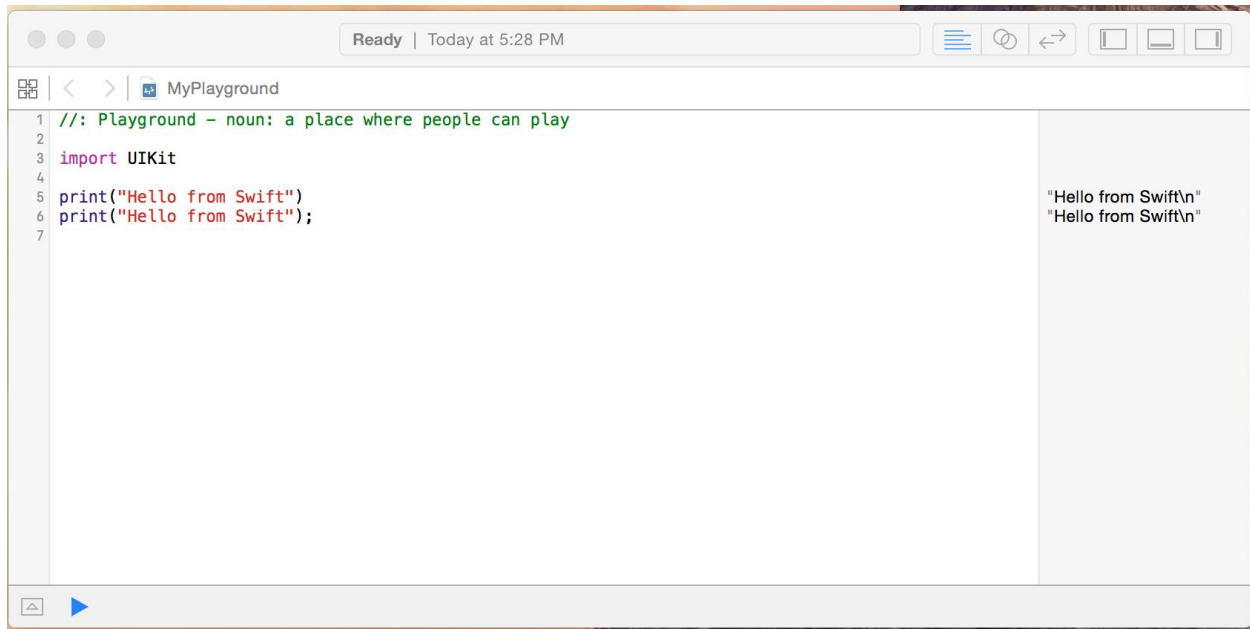
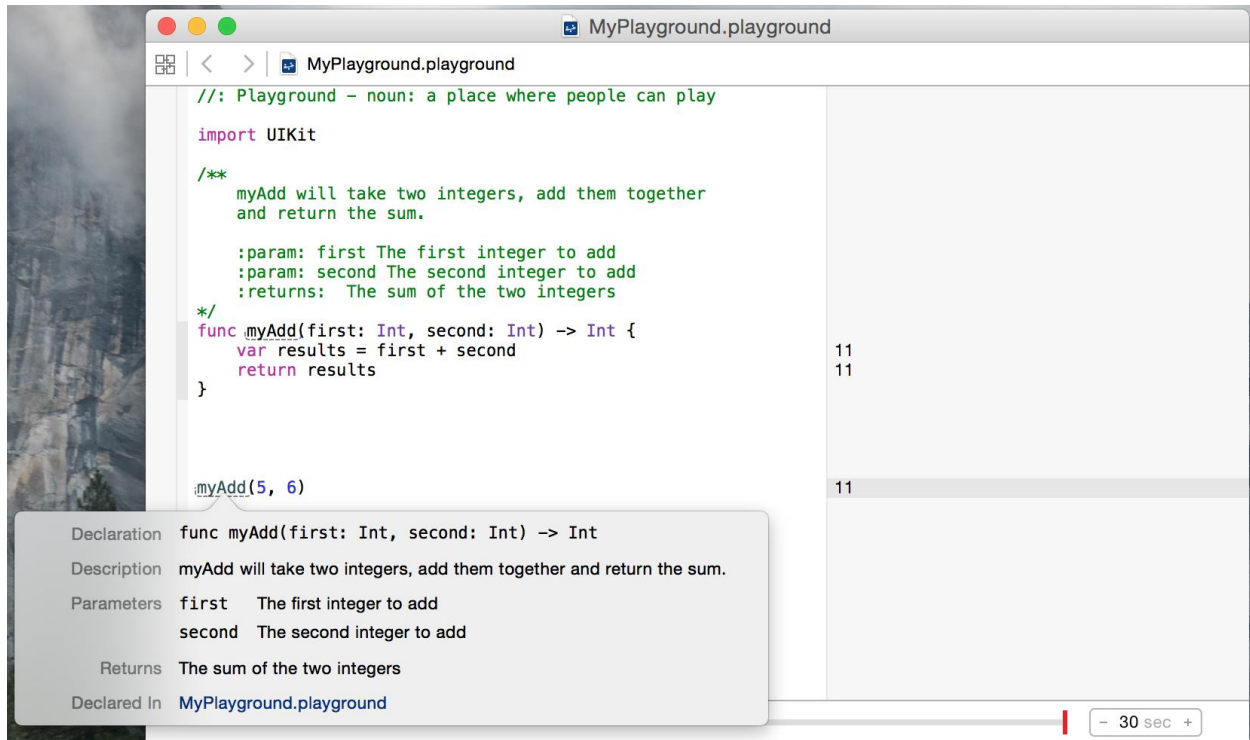
```
//: Playground - noun: a place where people can
  play

import UIKit

/**
 myAdd will take two integers, add them
 together
 and return the sum.

 :param: first The first integer to add
 :param: second The second integer to add
 :returns: The sum of the two integers
 */
func myAdd(first: Int, second: Int) -> Int {
  var results = first + second
  return results
}
```

- 30 sec +





Chapter\_1\_paranthese.playground

< > Chapter\_1\_paranthese

```
1 // Playground - noun: a place where people can play
2
3 import UIKit
4
5 var x = 1
6
7 if x == 1 {
8     print("x == 1")
9 }
10
11 if (x == 1) {
12     print("x == 1")
13 }
14
```

```
1
"x == 1\n"
"x == 1\n"
```

Chapter\_1\_Multiple\_Conditional.playground

< > Chapter\_1\_Multiple\_Conditional

```
1 // Playground - noun: a place where people can play
2
3 import UIKit
4
5 var x = 1
6 var y = 1
7 var z = 1
8
9 //Single conditional statement, no parentheses
10 if x == 1 {
11     print("X == 1")
12 }
13
14 //Multiple conditional statements, parentheses
15 if (x == 1) && (y == 1) && (z == 1) {
16     print("All vars == 1")
17 }
18
19 //Multiple conditional statements, no Parentheses
20 if x == 1 && y == 1 && z == 1 {
21     print("All vars == 1")
22 }
23
```

```
1
1
1
"X == 1\n"
"All vars == 1\n"
"All vars == 1\n"
```

Chapter\_1\_curly\_braces.playground

Chapter\_1\_curly\_braces

```
1 // Playground - noun: a place where people can play
2
3 import UIKit
4
5 let x = 1
6
7 if x == 1 {
8     print("x == 1")
9 }
10
11 if x == 1
12     print("x == 1")
13
```

Ready | Today at 8:38 PM

MyPlayground2

```
1 //: Playground - noun: a place where people can play
2
3 import UIKit
4
5 var i = 1
6
7 if i = 1 {
8     print("Hello")
9 }
10
11 while i = 1 {
12     print("Hello")
13 }
```

1

Type '()' does not conform to protocol 'BooleanType'

Type '()' does not conform to protocol 'BooleanType'

```
1 // Playground - noun: a place where people can play
2
3 import UIKit
4
5 //The i block
6 var i=1
7 if i==1 {
8     print("HI")
9 }
10
11 //The j block
12 var j = 1
13 if j == 1 {
14     print("HI")
15 }
16
```

1  
"HI\n"  
1  
"HI\n"

## Chapter 2: Learning Variables, Constants, Strings, and Operators

```
1 // Playground - noun: a place where people can play
2
3 import UIKit
4
5 let speedOfLightKmSec = 300000
6 var highTemperture = 15
7
8 highTemperture = 20
9
10 speedOfLightKmSec = 200000
11
```

300,000  
15  
20  
Cannot assign to 'let' value 'speedOfLightKmSec' 300,000

MyPlayground\_Chapter\_2.playground — Edited

MyPlayground\_Chapter\_2.playground > No Selection

```
1 // Playground - noun: a place where people can play
2
3 import UIKit
4
5 var integerVar = 10
6
7 integerVar = "My String"
8
```

10

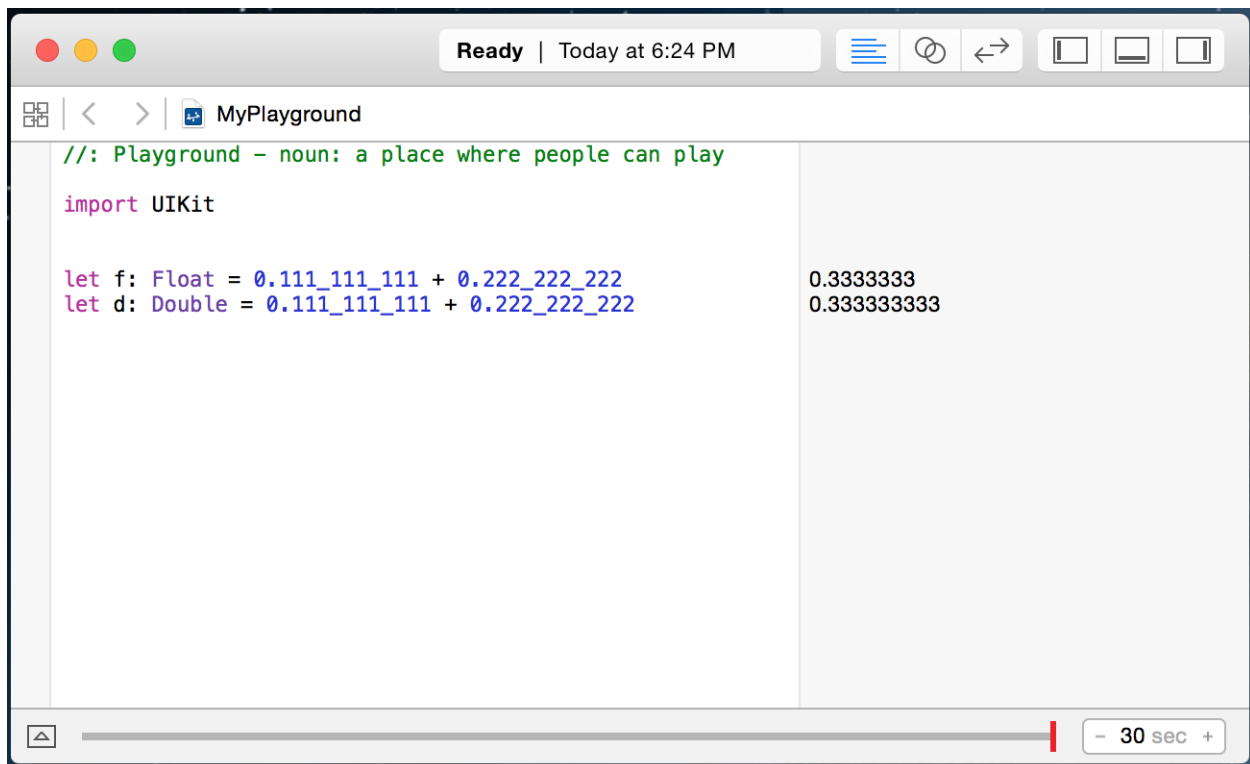
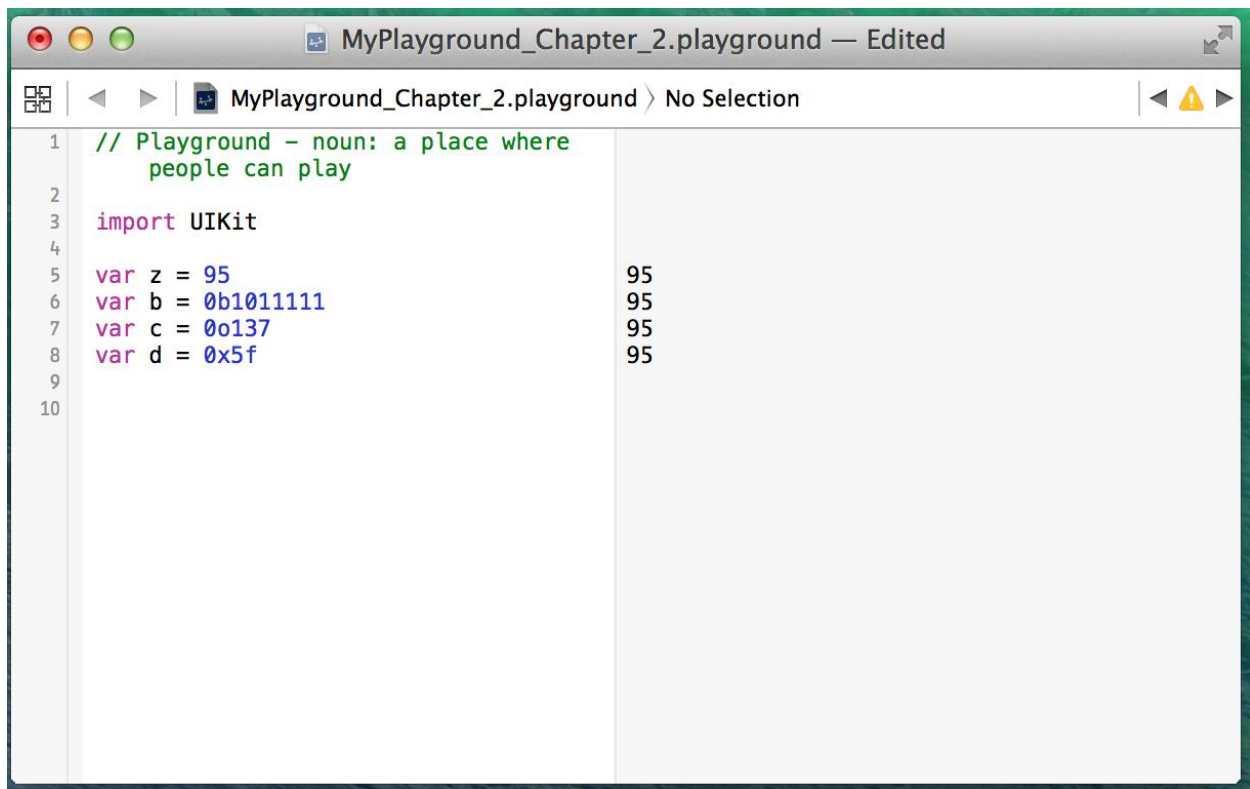
Type 'Int' does not conform to protocol 'StringLiteralConvertible'

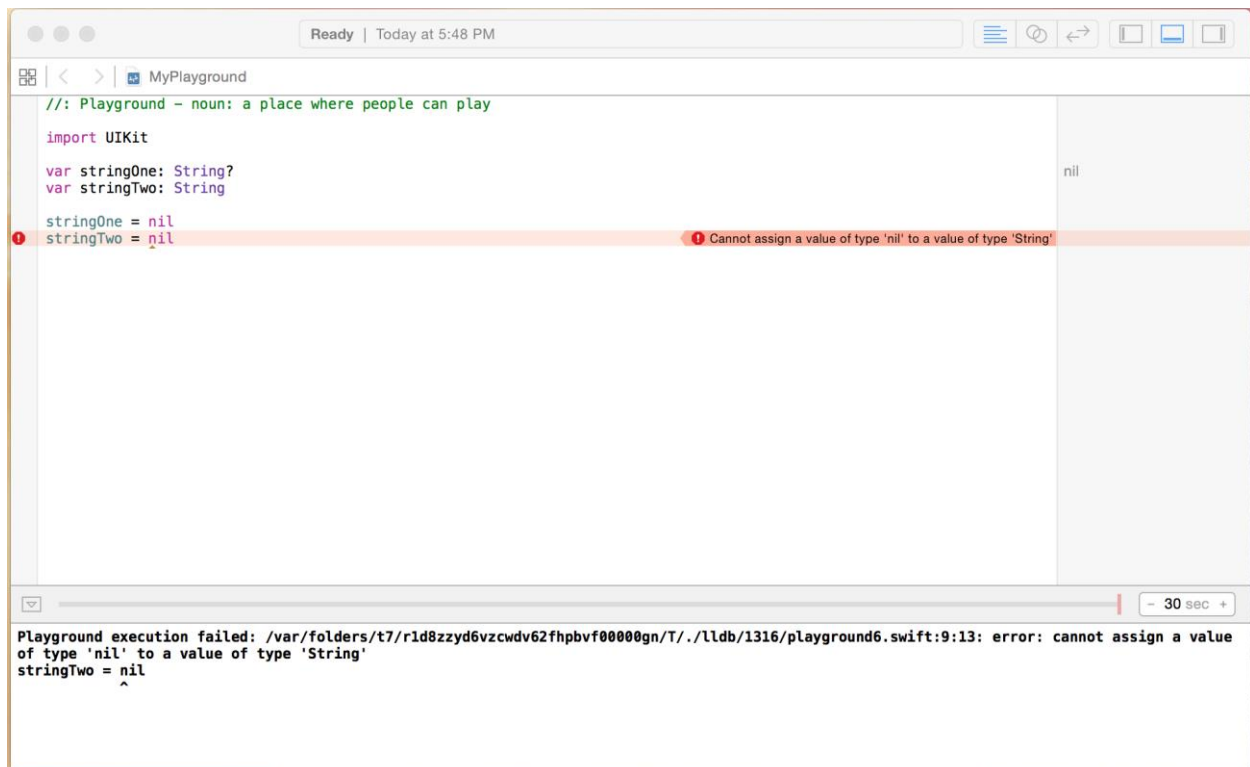
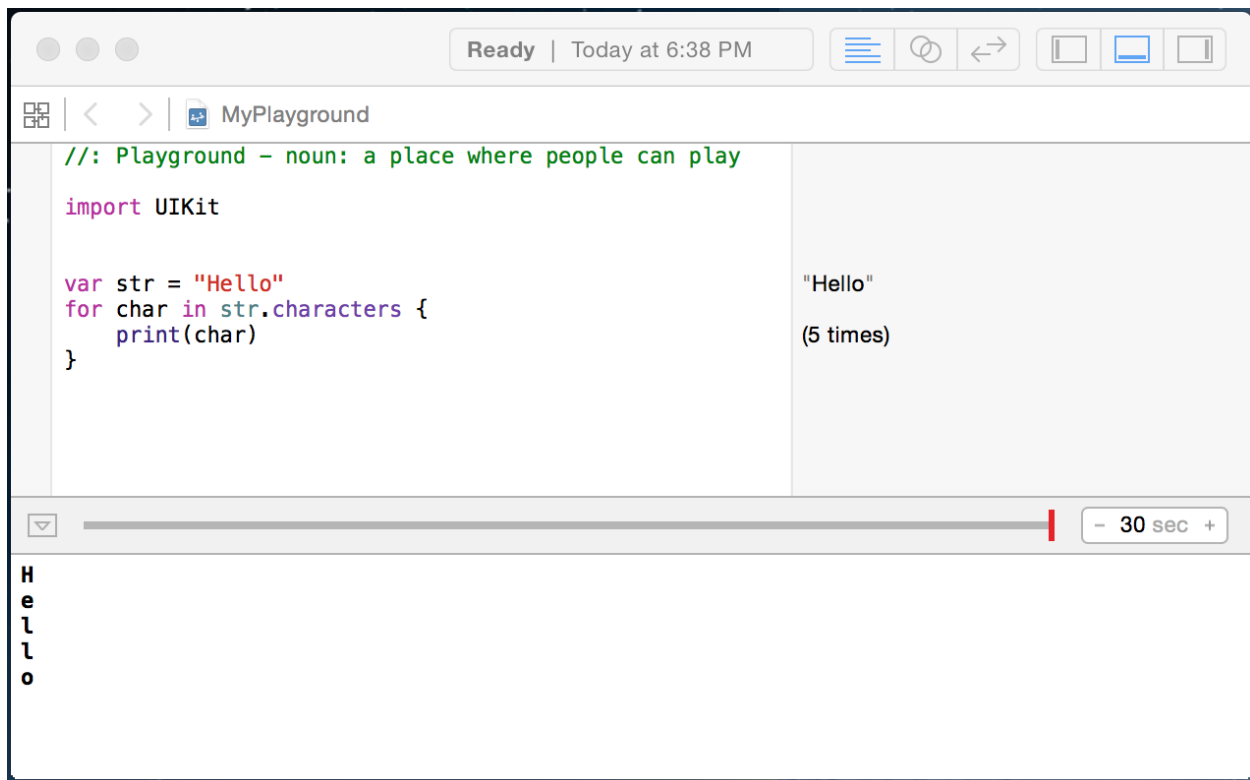
MyPlayground\_Chapter\_2.playground — Edited

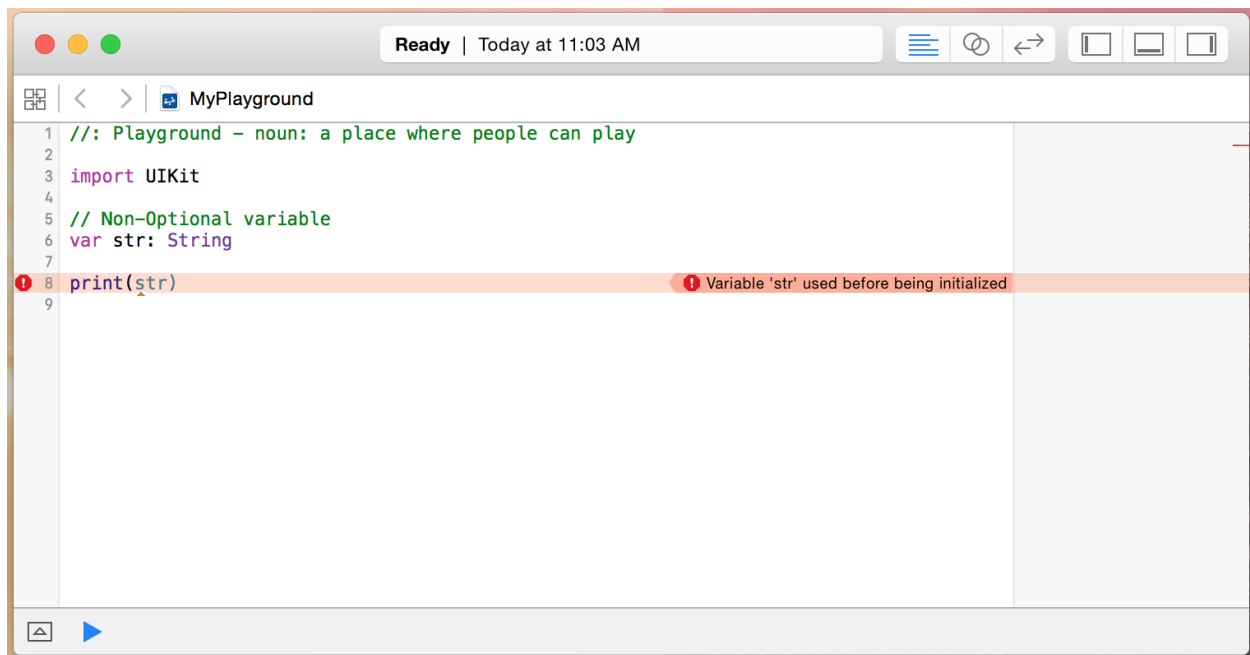
MyPlayground\_Chapter\_2.playground > No Selection

```
1 // Playground - noun: a place where
2   people can play
3
4 import UIKit
5
6 var a = UInt8.max
7 var b = UInt8.min
8
9 var c = UInt16.max
10 var d = UInt16.min
11
12 var e = UInt32.max
13 var f = UInt32.min
14
15 var g = UInt64.max
16 var h = UInt64.min
17
18 var j = UInt.max
19 var k = UInt.min
20
21 var l = Int8.max
22 var m = Int8.min
23
24 var n = Int16.max
25 var o = Int16.min
26
27 var p = Int32.max
28 var q = Int32.min
29
30 var r = Int64.max
31 var s = Int64.min
32
33 var t = Int.max
34 var u = Int.min
35
36
```

255  
0  
65,535  
0  
4,294,967,295  
0  
18446744073709551615  
0  
18446744073709551615  
0  
127  
-128  
32,767  
-32,768  
2,147,483,647  
-2,147,483,648  
9,223,372,036,854,775,807  
-9,223,372,036,854,775,808  
9,223,372,036,854,775,807  
-9,223,372,036,854,775,808







chapter\_2\_Optionals\_ex\_3.playground

chapter\_2\_Optionals\_ex\_3

```
1 // Playground - noun: a place where people can play
2
3 import UIKit
4
5 //Optional Variable
6 var stringOne : String?
7
8 //-----stringOne is nil -----//
9 //Explicitly check for nil
10 if stringOne != nil {
11     print(stringOne)
12 } else {
13     print("Explicit Check: stringOne is nil")
14 }
15
16 //option binding
17 if let tmp = stringOne {
18     print(tmp)
19 } else {
20     print("Optional Binding: stringOne is nil")
21 }
22
23 //Optional chainging
24 var charCount1 = stringOne?.characters.count
25
26
27 //-----adding value to stringOne -----//
28 stringOne = "http://www.packetpub.com/all"
29
30 //-----stringOne is nil -----//
31 //Explicitly check for nil
32 if stringOne != nil {
33     print(stringOne)
34 } else {
35     print("Explicit Check: stringOne is nil")
36 }
37
38 //option binding
39 if let tmp = stringOne {
40     print(tmp)
41 } else {
42     print("Optional Binding: stringOne is nil")
43 }
44
45 //Optional chainging
46 var charCount2 = stringOne?.characters.count
47
48
```

nil

"Explicit Check: stringOne is nil"

"Optional Binding: stringOne is nil"

nil

"http://www.packetpub.com/all"

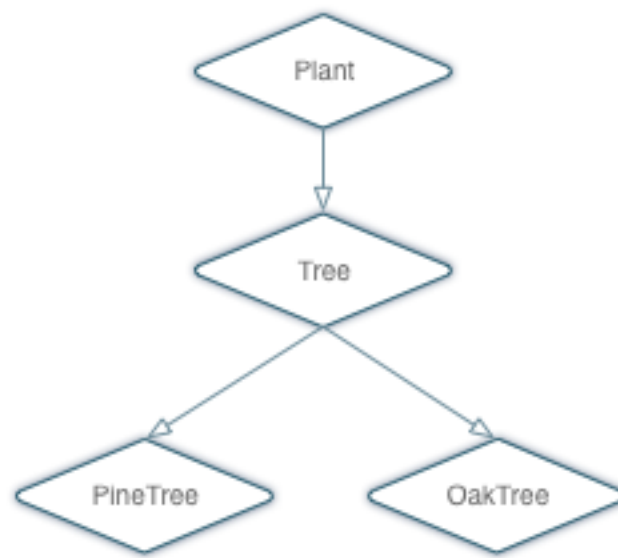
"Optional(\"http://www.packetpub.com/all\")"

"http://www.packetpub.com/all"

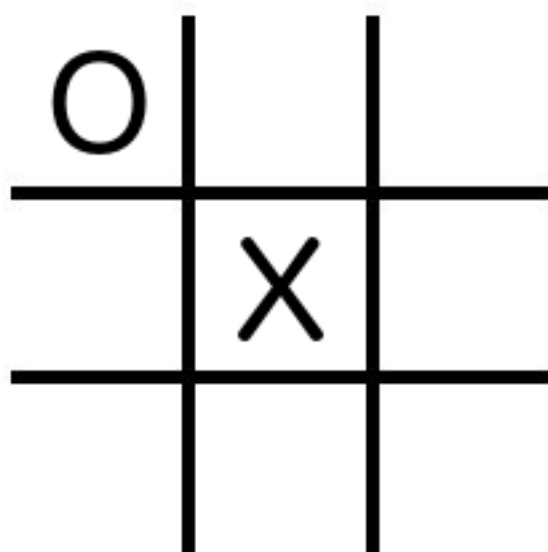
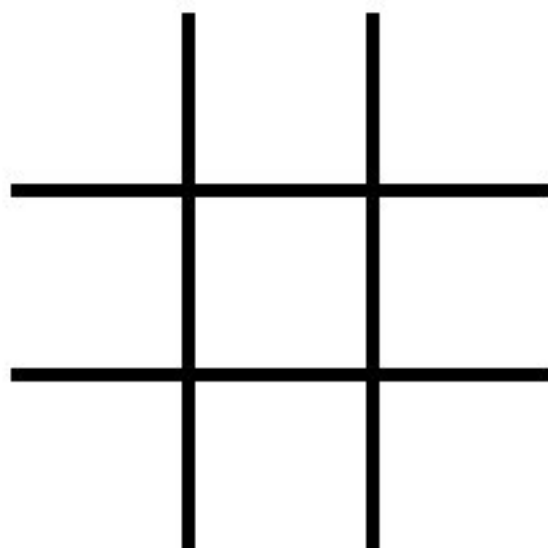
28

## Chapter 5: Classes and Structures

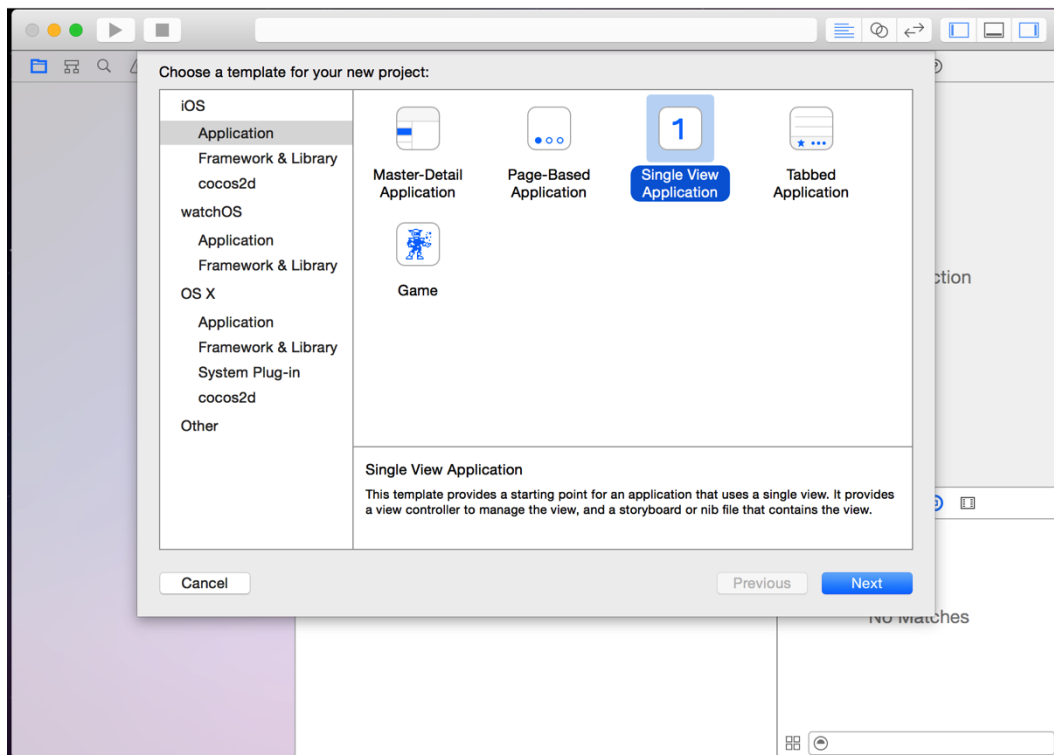
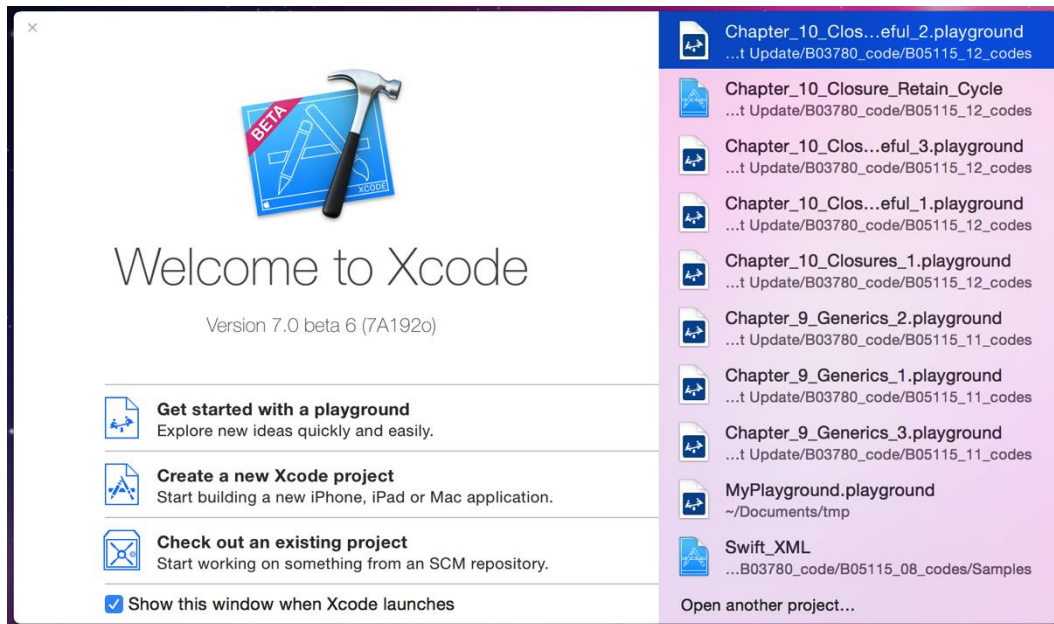


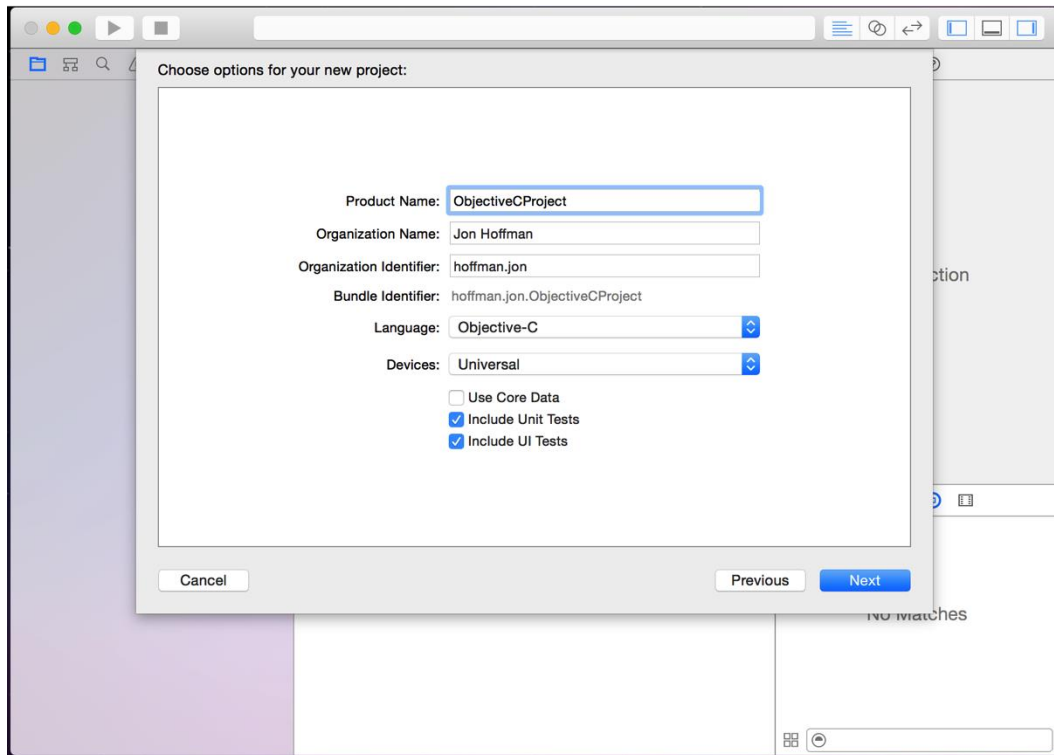


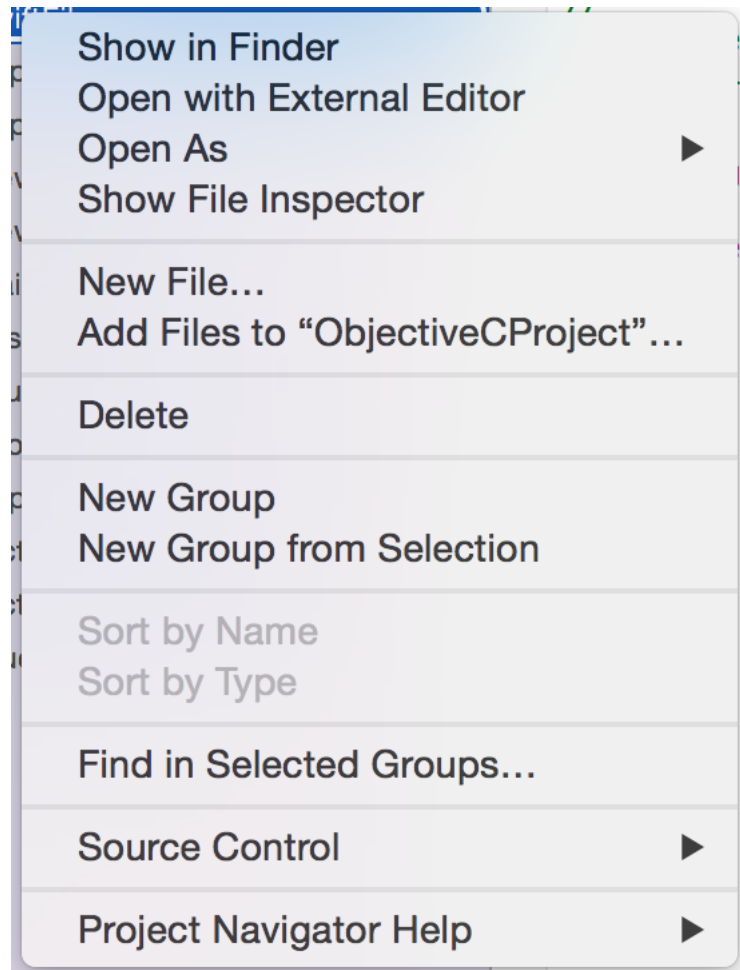
## Chapter 9: Custom Subscribing



## Chapter 13: Using Mix and Match







Choose a template for your new file:

iOS

Source  
User Interface  
Core Data  
Apple Watch  
Resource  
Other  
cocos2d

watchOS

Source  
User Interface  
Core Data  
Resource  
Other

OS X

Source  
User Interface  
Core Data



Cocoa Class



UI Test Case  
Class



Unit Test Case  
Class



Playground



Swift File



Objective-C File



Header File



C File



C++ File



Metal File

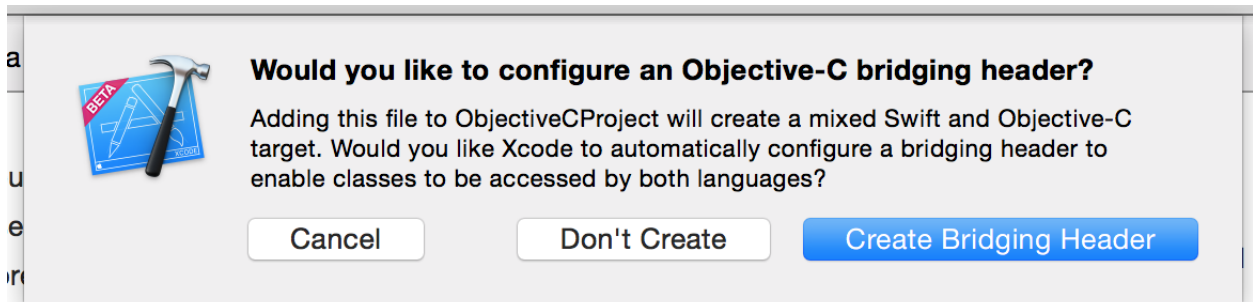
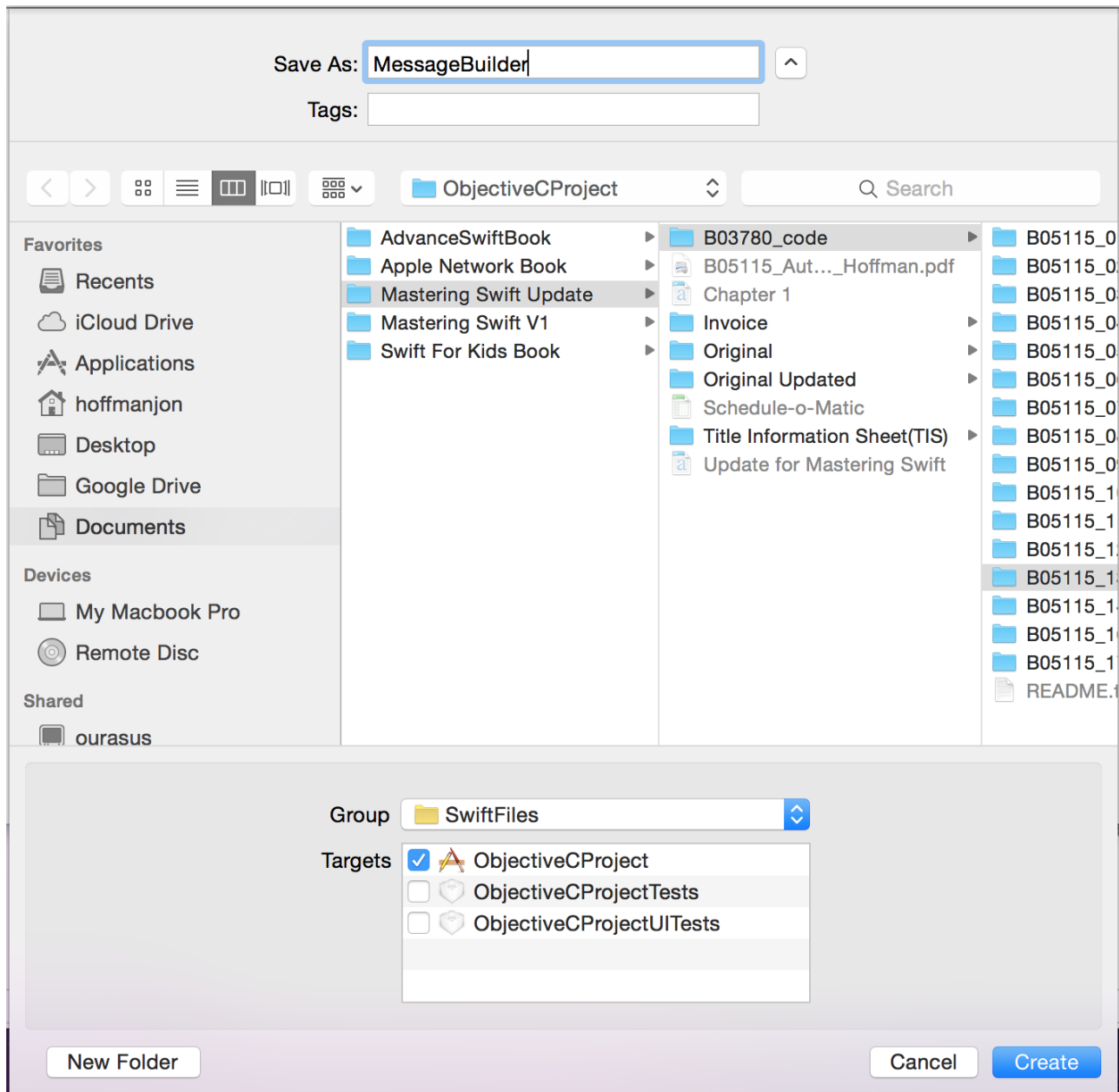
Swift File

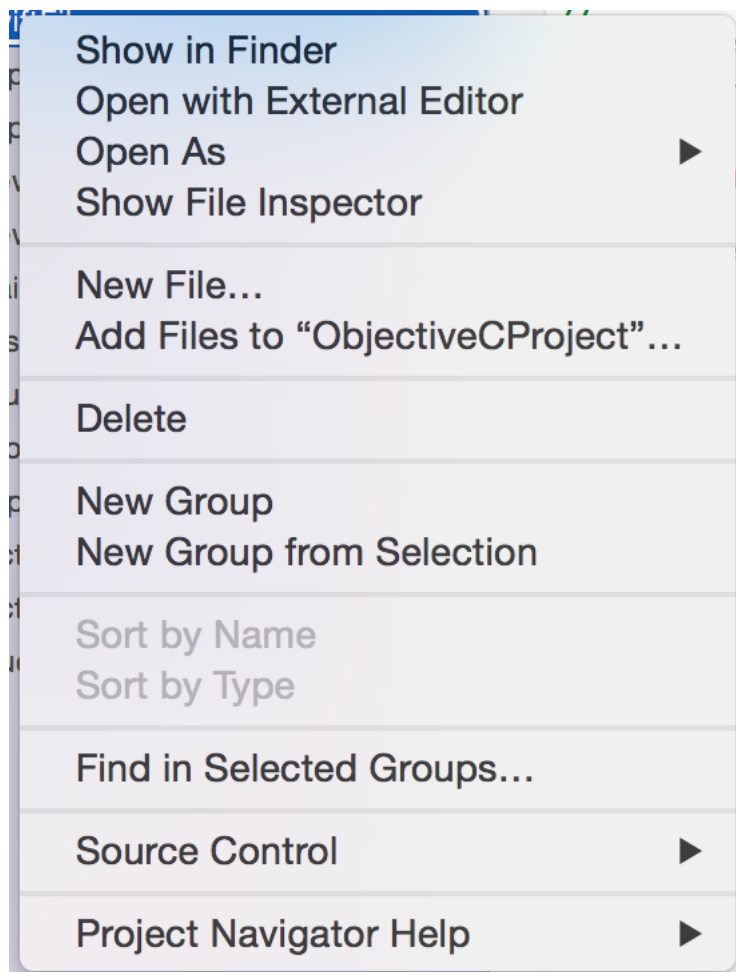
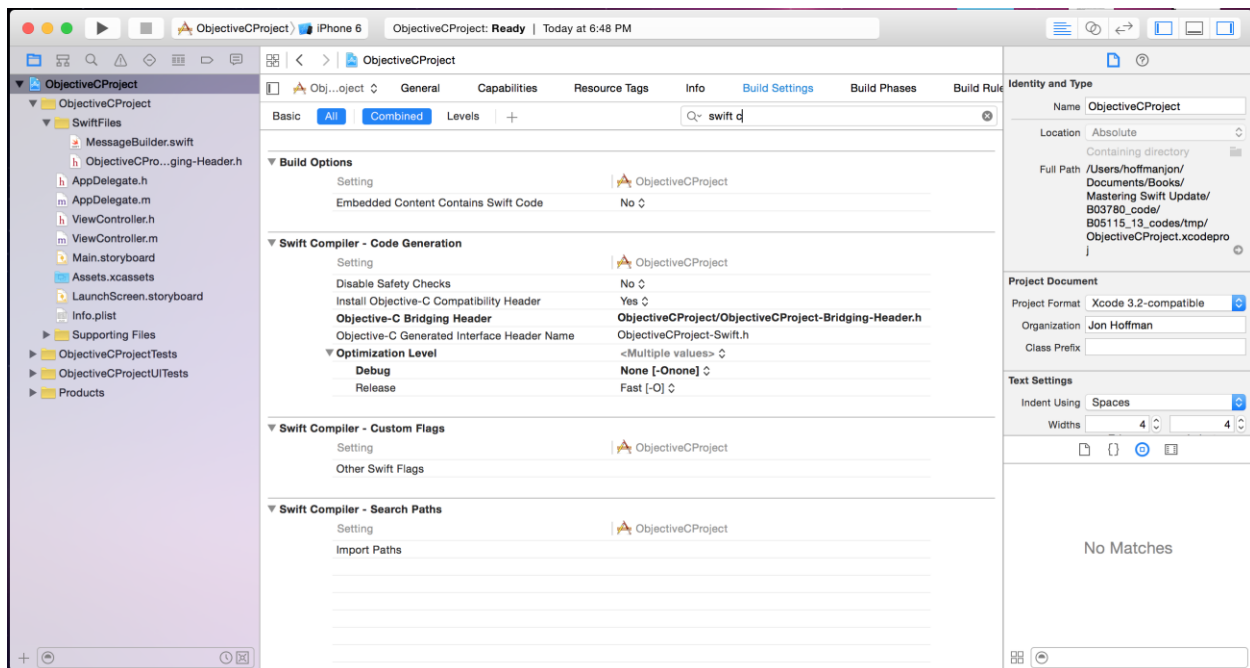
An empty Swift file.

Cancel

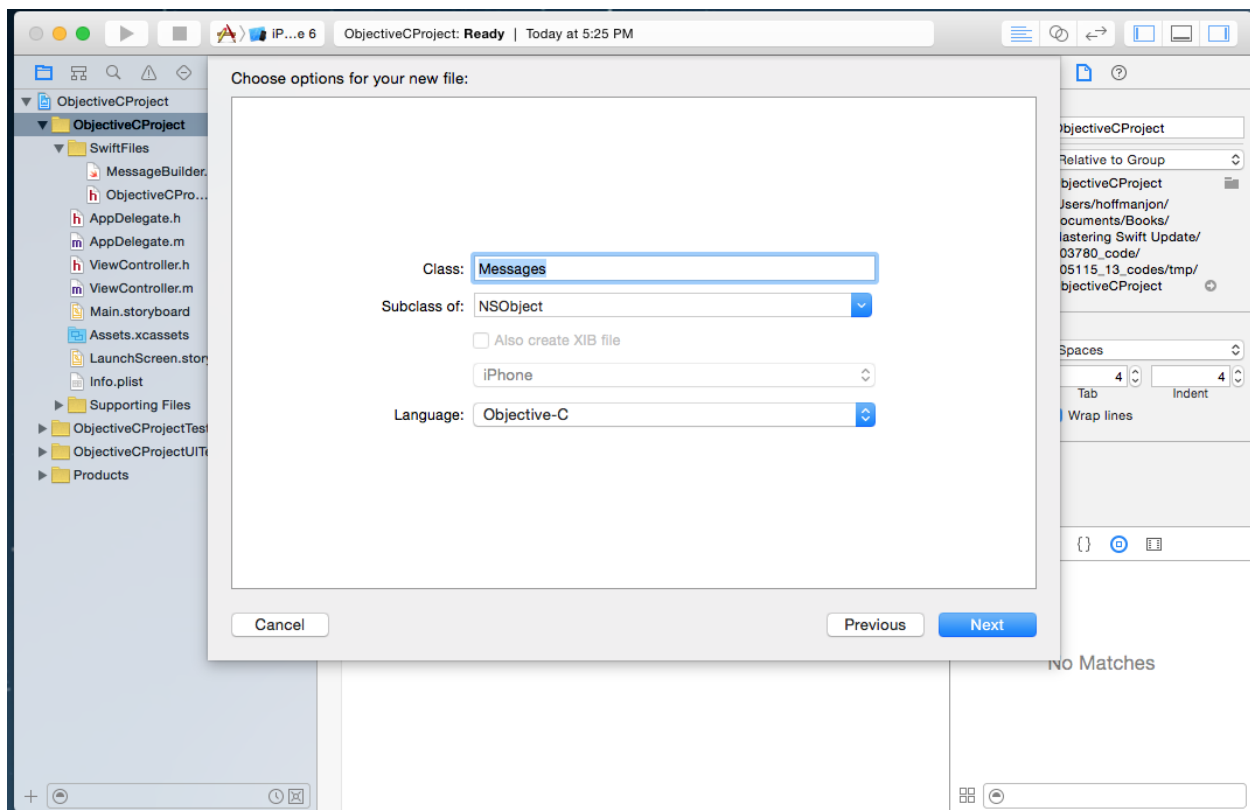
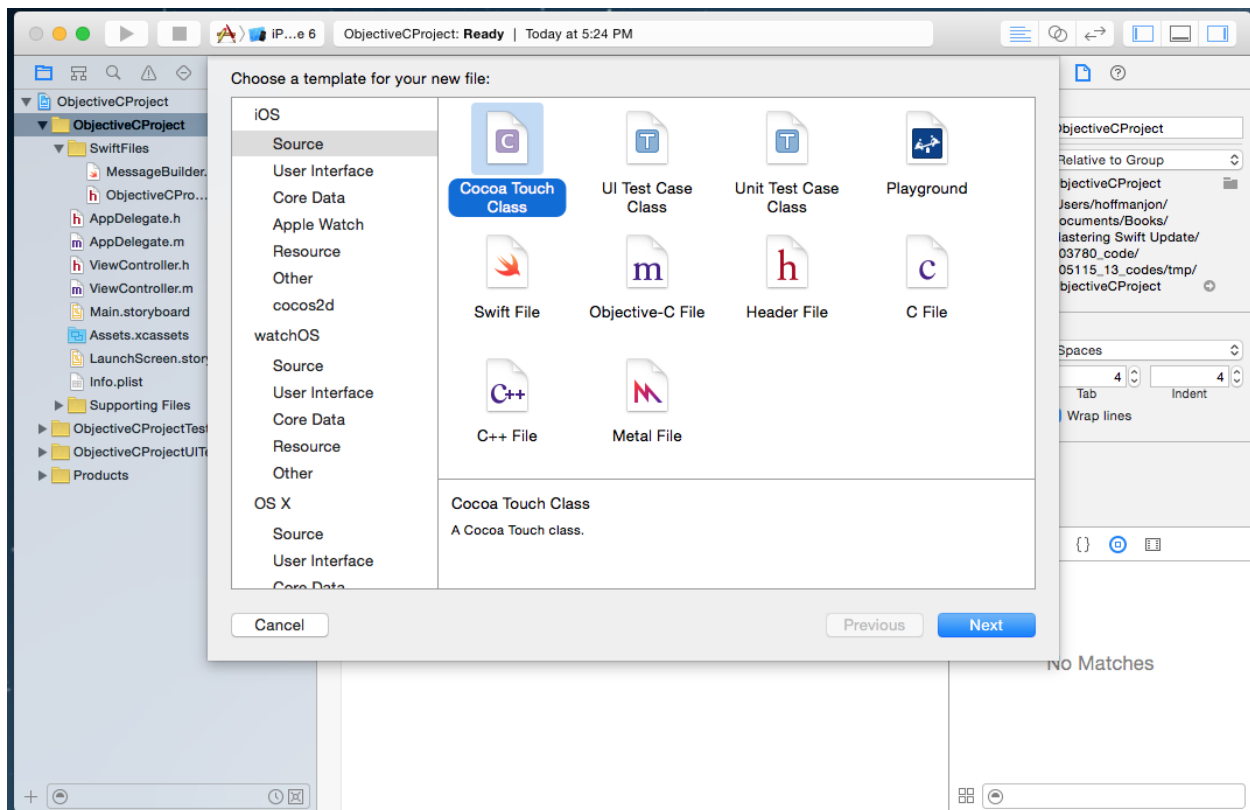
Previous

Next









## Chapter 15: Swift Formatting and Style Guide

