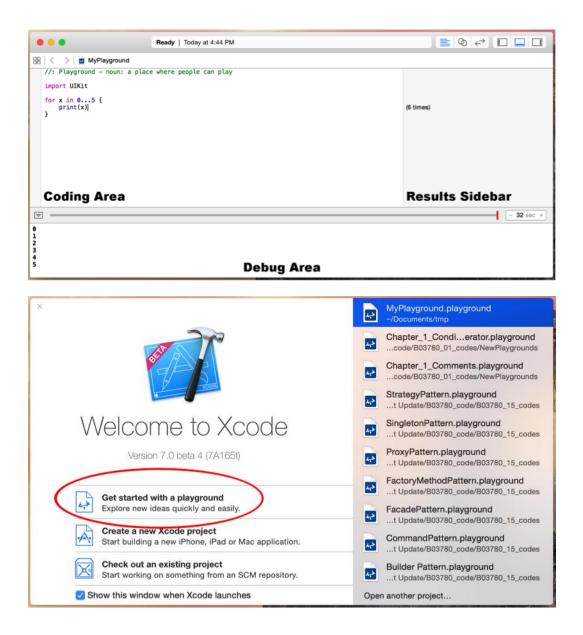
Chapter 1: Taking the First Steps with Swift



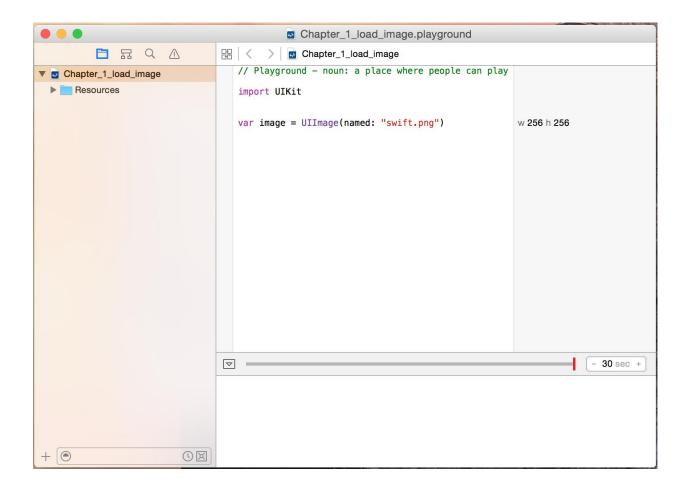
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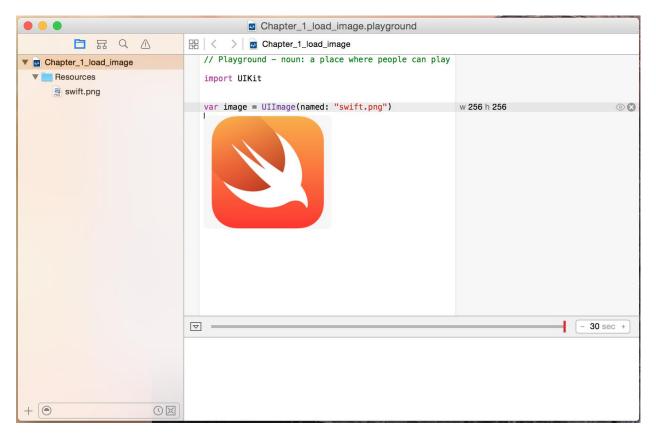
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踞 < 🛛 > 🖬 MyPla	ayground	
//: Playground -	noun: a place where people can play	
import UIKit		
<pre>var str = "Hello,</pre>	playground"	"Hello, playground"
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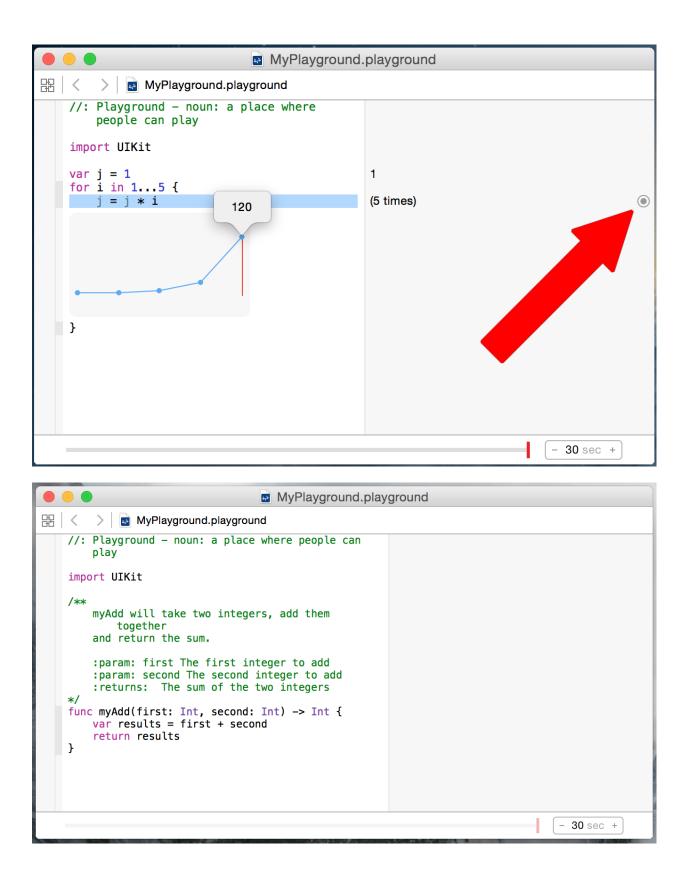
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Vertex Chapter_1_load_image	//: Playground - noun: a place where people can play		
Resources	import UIKit		
	var str = "Hello, playground"	"Hello, playground"	
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	var str = "netto, ptayground"	- 30 sec +	
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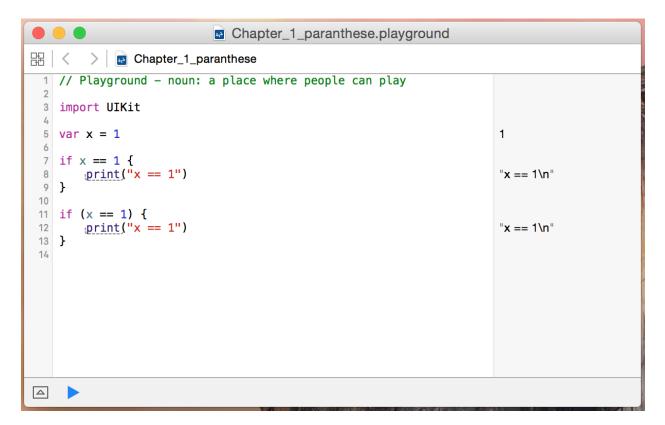
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Chapter_1_load_image	<pre>// Playground - noun: a place where people can play</pre>	
Resources	import UIKit	
	<pre>var image = UIImage(named: "swift.png")</pre>	w 256 h 256 💿 🔾
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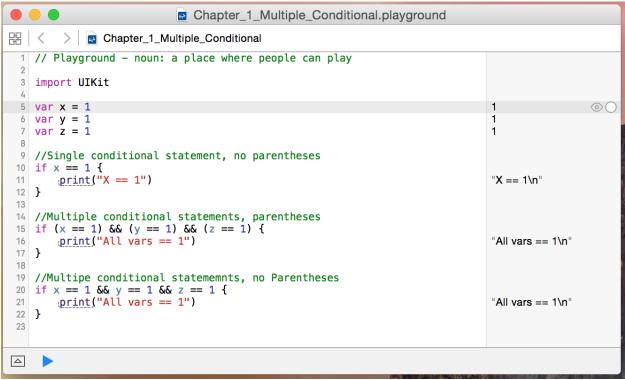


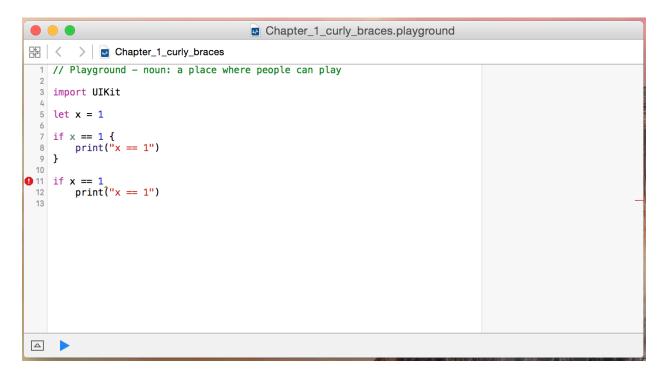


	🕨 😑 💿 🔤 MyPlayground.playgroun	d
8	물 < > 👩 MyPlayground.playground	
1996 - C	<pre>//: Playground - noun: a place where people can play</pre>	
100	import UIKit	
	<pre>/** myAdd will take two integers, add them together and return the sum. :param: first The first integer to add :param: second The second integer to add :returns: The sum of the two integers */ func myAdd(first: Int, second: Int) -> Int { var results = first + second return results }</pre>	11 11
2 J. da	<u>myAdd(</u> 5, 6)	11
Declaration	<pre>func myAdd(first: Int, second: Int) -> Int</pre>	
Description	myAdd will take two integers, add them together and return the sum.	
Parameters	first The first integer to add	
	second The second integer to add	
Returns	The sum of the two integers	
Declared In	MyPlayground.playground	- 30 sec +
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1	<pre>//: Playground - noun: a plac</pre>	e where people can play		
3 4	import UIKit			
5 6	<pre>print("Hello from Swift") print("Hello from Swift");</pre>			"Hello from Swift\n" "Hello from Swift\n"
7				
	•			



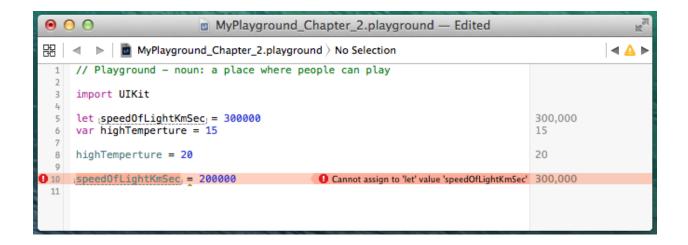




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83	< > MyPlayground2		
	//: Playground - noun: a plac	e where people can play	_
2	import UIKit		
4	var i = 1		1
0	if i = 1 {	Type '()' does not conform to protocol 'BooleanType	1
8	print("Hello")		
9 10	}		
	while i = 1 {	Type '()' does not conform to protocol 'BooleanType	·
12	print("Hello")		
13	}		

Chapter_1_white_space.playground		
器 < > 🗃 Chapter_1_white_space		
<pre>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 {</pre>	1	
<pre>7 if i==1 { 8</pre>	"HI\n" 1 "HI\n"	

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



0	MyPlayground_Chapter_2.playground — Edited	R M
88	MyPlayground_Chapter_2.playground > No Selection	◀ 🛕 ►
1	<pre>// Playground - noun: a place where people can play</pre>	
3	import UIKit	
5	var integerVar = 10	10
0 7	integerVar = "My String" IntegerVar = "My String" IntegerVar = "My StringLiteralConvertible"	
8		

0	🖯 🕤 🔤 MyPlayground_Chapt	er_2.playground — Edited	
8	器 🛛 🔹 🕨 📔 MyPlayground_Chapter_2.playground 🛛 No Selection		
1	<pre>// Playground - noun: a place where</pre>		
2	people can play		
3	import UIKit		
4			
5	var a = UInt8.max	255	
6 7	var b = UInt8.min	0	
8	var c = UInt16.max	65,535	
9	<pre>var d = UInt16.min</pre>	0	
10			
11 12	var e = UInt32. <u>max</u> var f = UInt32.min	4,294,967,295 0	
13		0	
14	var g = UInt64.max	18446744073709551615	
15	var h = UInt64.min	0	
16	ver i - UTet mev	19446744072700551615	
17 18	var j = UInt.max var k = UInt.min	18446744073709551615 0	
19		0	
20	<pre>var l = Int8.max</pre>	127	
21	var m = Int8.min	-128	
22 23	var n = Int16.max	32,767	
24	var $o = Int16.min$	-32,768	
25			
26	var p = Int32.max	2,147,483,647	
27 28	var q = Int32.min	-2,147,483,648	
28	var r = Int64.max	9,223,372,036,854,775,807	
30	var s = Int64.min	-9,223,372,036,854,775,808	
31			
32 33	var t = Int.max var u = Int.min	9,223,372,036,854,775,807 -9,223,372,036,854,775,808	
33		-3,223,372,0000+,773,000	
35			
36			

● ● ● ●	d_Chapter_2.playgrou	nd — Edited
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<pre>1 // Playground - noun: a place w people can play 2 3 import UIKit 4</pre>	vnere	
<pre>5 var z = 95 6 var b = 0b1011111 7 var c = 00137 8 var d = 0x5f 9 10</pre>	95 95 95 95	
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□ □ MyPlayground //: Playground - noun: a place wher	e people can play 2_222_222	0.3333333 0.33333333
<pre>Box Box Box Box Box Box Box Box Box Box</pre>	e people can play 2_222_222	0.3333333
<pre>Box Box Box Box Box Box Box Box Box Box</pre>	e people can play 2_222_222	0.3333333

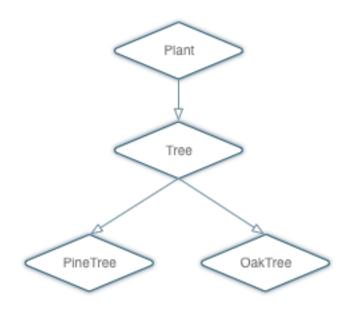
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멾 < > 🛃 MyPlayground			
//: Playground - noun: a plac	e where people can play		
import UIKit			
var str = "Hello"		"Hello"	
<pre>for char in str.characters { print(char)</pre>		(5 times)	
}		()	
			- 30 sec +
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멾 < > 🖪 MyPlayground			
<pre>//: Playground - noun: a pl</pre>	ace where people can play		
import UIKit			
<pre>var stringOne: String? var stringTwo: String</pre>			nil
<pre>stringOne = nil stringTwo = nil</pre>		O Cannot assign a value of type 'nil' to a value of type 'String'	
Playground execution failed: / of type 'nil' to a value of ty stringTwo = nil	var/folders/t7/r1d8zzyd6vzcwdv62fhpbvf00000gn/ pe 'String'	T/./lldb/1316/playground6.swift:9:13: error:	cannot assign a value

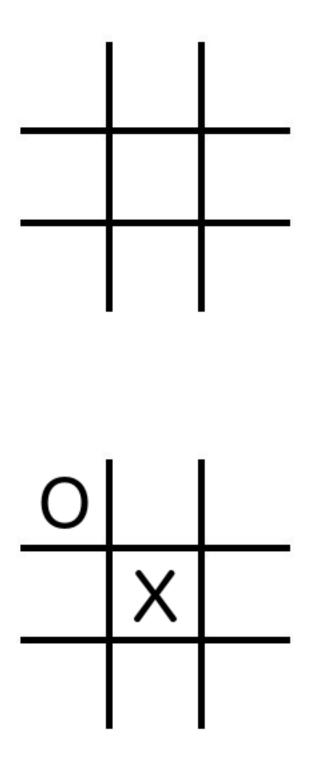
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毘	< > 🛃 MyPlayground				
1	<pre>//: Playground - noun: a plac</pre>	ce where people can play			
1 2 3 4	<pre>import UIKit</pre>				
5 6 7	<pre>// Non-Optional variable var str: String</pre>				
8	print(str)		Variable 'str' used before	being initialized	
9					

chapter_2_Optionals_ex_3.playground 品(> chapter_2_Optionals_ex_3 1 // Playground - noun: a place where people can play 3 import UIKit 5 //Optional Variable 6 var stringOne : String? nil -stringOne is nil -------// 8 //--9 //Explicitly check for nil 10 if stringOne != nil { print(stringOne) 11 12 } else { print("Explicit Check: stringOne is nil") "Explicit Check: string... 13 14 } 15 16 //option binding 17 if let tmp = stringOne { print(tmp) 18 19 } else { 20 print("Optional Binding: stringOne is nil") "Optional Binding: strin... 21 } 22 23 //Optional chainging 24 var charCount1 = stringOne?.characters.count nil 25 26 27 //-----adding value to stringONe -----28 stringOne = "http://www.packetpub.com/all" ____// "http://www.packetpub... 29 -stringOne is nil --30 //-----// 31 //Explicitly check for nil
32 if stringOne != nil { 33 print(stringOne) "Optional("http://www.... 34 } else { print("Explicit Check: stringOne is nil") 35 36 } 37 38 //option binding 39 if let tmp = stringOne { print(tmp) 40 "http://www.packetpub... 41 } else { print("Optional Binding: stringOne is nil") 42 43 } 44 45 //Optional chainging 46 var charCount2 = stringOne?.characters.count 28 1.7 48

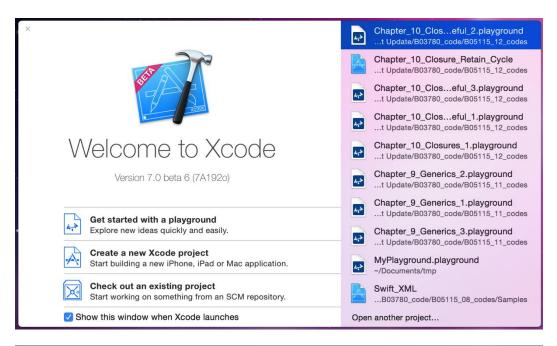
Chapter 5: Classes and Structures

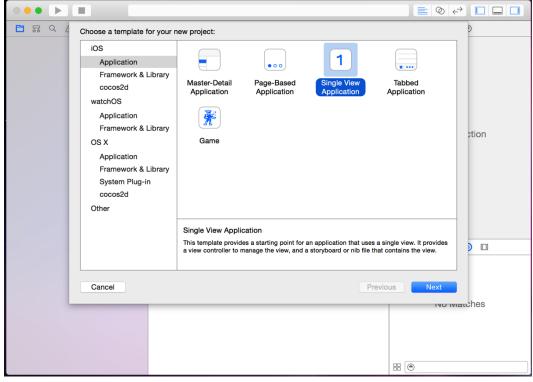


Chapter 9: Custom Subscripting



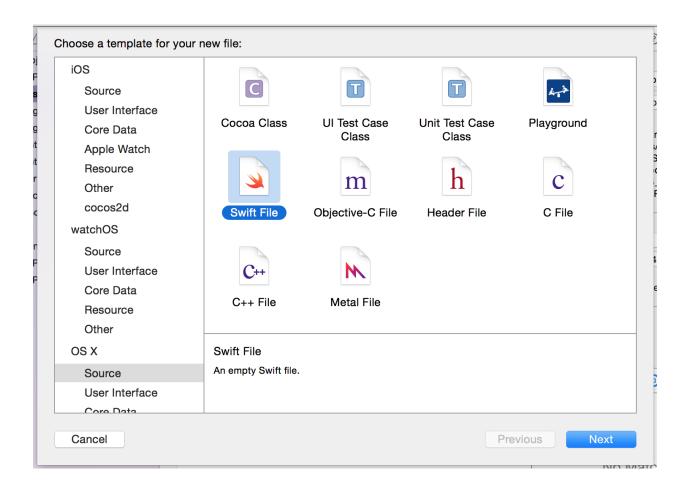
Chapter 13: Using Mix and Match



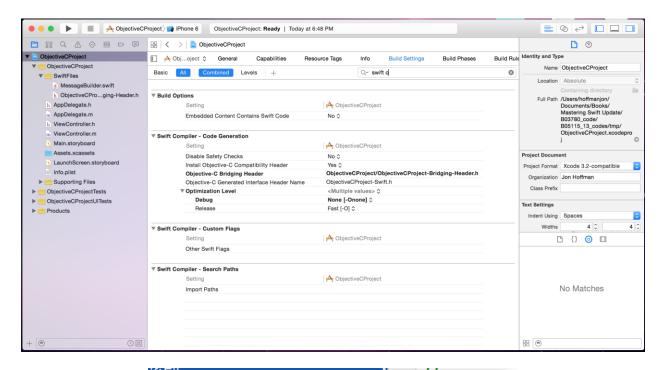


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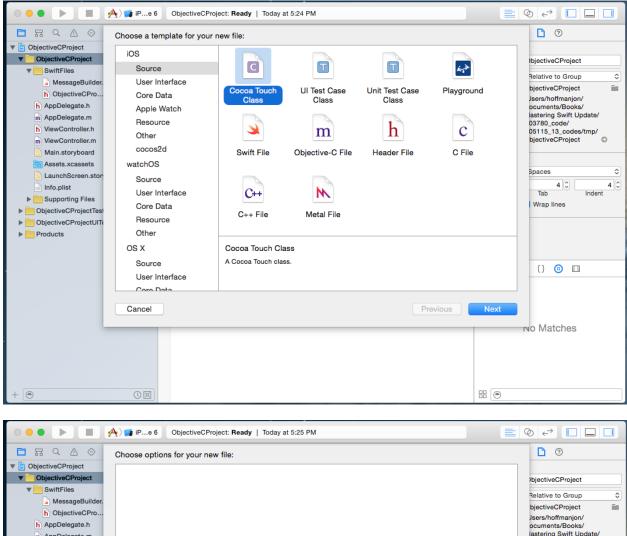
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Chapter 15: Swift Formatting and Style Guide

	Text Editing
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General Accounts Behaviors Navigation Fonts	Colors Text Editing Key Bindings Source Control Downloads Locations
	Editing Indentation
Prefer indent using:	Spaces
Tab width:	4 🗘 spaces
Indent width:	4 🗘 spaces
Tab key:	Indents in leading whitespace
Line wrapping:	Wrap lines to editor width
	Indent wrapped lines by: 4 3 spaces
Syntax-aware indenting:	Automatically indent based on syntax
	Indent solo "{" by: 4 🗘 spaces
	Indent // comments one level deeper
	Align consecutive // comments
Automatic indent for:	✓ "{' ✓ "}' ✓ ";" ✓ ":" ✓ "#" ✓ Return