

Swift Continue

Welcome to Swift Tutorial. In this tutorial, we will learn about Swift continue keyword with the help of examples.

Swift continue is used to skip the statements after continue statement inside the loop block and continue with the rest of iterations.

Continue keyword can be used inside [swift while loop](#), [swift repeat-while loop](#) and also [swift for loop](#).

The main difference between [swift break](#) and swift continue is that swift break keyword breaks the loop while continue keyword skips the loop and continues with the next iteration.

Syntax of Swift continue statement

Following is syntax of continue statement in a Swift program.

```
continue
```

```
continue
```

In while loop

```
while  
boolean_expression {
```

```
while boolean_expression {  
    // some statements  
    continue  
    // some other statements  
}
```

In for loop

```
for index in var {  
    // some statements
```

```
for index in var {  
    // some statements  
    continue  
    // some other statements  
}
```

In repeat while loop

```
while  
boolean_expression {
```

```
while boolean_expression {  
    // some statements  
    continue  
    // some other statements  
}
```

Example 1 – Swift Continue statement with While Loop

Following example demonstrates the use of continue statement in [swift while loop](#). For some reason, consider that we would like to skip the loop when `i` becomes 3 and continue thereafter.

while_loop_continue_example.swift

```
var i = 0
```

```
var i = 0  
  
while i < 6 {  
  
    if i==3 {  
        i = i + 1  
        continue  
    }  
  
    print("i : \(i)")  
  
    i = i + 1  
}  
  
print("rest of the statements")
```

Output

```
$swift  
while_loop_continue_ex
```

```
$swift while_loop_continue_example.swift
i : 0
i : 1
i : 2
i : 4
i : 5
rest of the statements
```

Example 2 – Swift Continue statement with For Loop

Following example demonstrates the use of continue statement in [swift for loop](#). For some reason, consider that we would like to skip the loop when `i` becomes 3 and continue thereafter.

for_loop_break_example.swift

```
var i = 0
```

```
var i = 0

for i in 1..<6 {
    if i==3 {
        continue
    }
    print("i : \(i)")
}

print("rest of the statements")
```

Output

```
$swift
for_loop_continue_exam
```

```
$swift for_loop_continue_example.swift
i : 1
i : 2
i : 4
i : 5
rest of the statements
```

Example 3 – Swift Continue statement with Repeat While Loop

Following example demonstrates the use of continue statement in [swift repeat while loop](#). For some reason, consider that we would like to skip the loop when `i` becomes 3 and continue thereafter.

repeat_while_loop_continue_example.swift

```
var i = 0
```

```
var i = 0

repeat {
    if i==3 {
        i = i + 1
        continue
    }
    print("i : \(i)")
    i = i + 1
} while i<5

print("rest of the statements")
```

Output

```
$swift repeat_while_loop_brea
```

```
$swift repeat_while_loop_break_example.swift
i : 0
i : 1
i : 2
i : 4
rest of the statements
```

Conclusion

In this [Swift Tutorial](#), we have learned about Swift continue statement with syntax and examples covering different scenarios.

Swift Tutorial

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▸ [Swift Keywords](#)

▸ [Swift Comments](#)

▸ [Swift If](#)

▸ [Swift If-Else](#)

▸ [Swift For Loop](#)

▸ [Swift While Loop](#)

▸ [Swift forEach](#)

↳ Swift Repeat While Loop

↳ Swift Break

↳ Swift Continue

↳ Swift Tuple

↳ Swift Enum

↳ Swift Structure

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↳ Swift - Substring

↳ Swift - Concatenate Strings

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↳ Swift Print Array

↳ Swift Integer Array

↳ Swift append Integer to Array

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▸ [Swift error: return from initializer without initializing all stored properties](#)

▸ [Swift - struct error: missing argument labels in call](#)