Swift – Concatenate Strings

Append or Concatenate Strings in Swift

To concatenate two strings in Swift, use concatenate operator `+`. The syntax to concatenate two strings is:

```
var str = str1 + str2
```


```
var str = str1 + str2
```


where `str1` and `str2` are the two strings that we append. The concatenate operator `+` returns the resulting string and we are storing the resulting concatenated string in `str` variable.

Example – Concatenate Two Strings in Swift

This example demonstrates how to append two strings.

main.swift

```
var str1 = "Swift Tutorial"
var str2 = " by TutorialKart"

var str = str1 + str2
print( str )
```

Output

```
Swift Tutorial by TutorialKart
```

Example – Concatenate Two or More Strings in Swift

You can concatenate more than two strings in a single statement as shown in the below example.

main.swift

```
var str1 = "Swift"
var str2 = "Tutorial"
```

```
var str1 = "Swift"
var str2 = "Tutorial"
var str3 = "by"
var str4 = "TutorialKart."

//concatenate strings
var str = str1 + " " + str2 + " " + str3 + " " + str4

print( str )
```

Output

```
Swift Tutorial by TutorialKart.
```

Example – Concatenate Two Strings in Swift

We can directly provide the string constant to the concatenation operator.

main.swift

```
var str = "Welcome to " + "Swift Tutorial" + " by TutorialKart"

print( str )
```

Output

```
Welcome to Swift Tutorial by TutorialKart
```

Summary

In this Swift Tutorial, we have concatenated two or more strings using concatenation operator `+`.

Swift Tutorial

- Swift Tutorial
- 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

Strings

- Swift - Substring
- Swift - Concatenate Strings

Arrays

- Swift Array Initialization
- Swift Print Array
- Swift Integer Array
- Swift append Integer to Array
- Swift String Array
- Swift append String to Array
- Swift Get Array Size - count
- Swift Remove an Element from Array
- Swift Append / Concatenate Arrays
- Swift Check if an Array is Empty

Dictionaries

- Swift Dictionary
- Swift - Create Dictionary
- Swift - Create Dictionary using Arrays
- Swift - Iterate through Dictionary
- Swift - Get Dictionary Size
- Swift - Check if Dictionary is Empty
- Swift - Add or Append Element to Dictionary

- Swift - Get value using key in Dictionary
- Swift - Check if a key is present in Dictionary
- Swift - Merge Two Dictionaries
- Swift - Convert Dictionary into Arrays of Keys and Values
- Swift - Print all Keys in a Dictionary

Sets

- Swift Print Set
- Swift Get Set Size
- Swift Insert Element to Set
- Swift Check if Element is present in Set

File Operations

- Swift Read Text File

Swift Errors [Solved]

- Swift error: return from initializer without initializing all stored properties
- Swift – struct error: missing argument labels in call