

Kotlin – String Replace – Examples

Kotlin – String Replace

The basic String Replace method in Kotlin is `String.replace(oldValue, newValue)`. `ignoreCase` is an optional argument, that could be sent as third argument to the `replace()` method. In this tutorial, we shall go through examples where we shall replace an old value (string) with a new value (another string) for each occurrence of `oldValue` in a String, ignoring and not ignoring `oldValue`'s character case.

Syntax of String replace()

Syntax of `String.replace` method is

```
String.replace(oldValue: String, newValue: String, ignoreCase: Boolean = false): String
```

oldValue : The string which has to be replaced with **newValue** for each occurrence of **oldValue** in String.

ignoreCase : [Optional] If true, character case of `oldValue` would be not be taken into account to find a match in String. If false, character case would be considered while finding a match for `oldValue` in the String. The default value of `ignoreCase` is false.

Example 1 – Kotlin Replace Substring

In the following Kotlin Example, we shall replace substring `Programs` with `Examples` value in the string, `Kotlin Tutorial - Replace String - Programs` .

example.kt

```
fun main(args: Array<String>) {  
    var str = "Kotlin Tutorial - Replace String - Programs"  
    val oldValue = "Programs"  
    val newValue = "Examples"  
  
    val output = str.replace(oldValue, newValue)  
  
    print(output)  
}
```

Output

```
Kotlin Tutorial - Replace String - Examples
```

Example 2 – Kotlin String Replace – Ignore Case

In the following Kotlin Example, we shall replace PROGRAMS string with Examples value in the string, Kotlin Tutorial – Replace String – Programs ignoring character case. To ignore case, we pass ignoreCase = true as third argument.

example.kt

```
fun main(args: Array<String>) {  
  
    var str = "Kotlin Tutorial - Replace String - Programs"  
    val oldValue = "PROGRAMS"  
    val newValue = "Examples"  
  
    val output = str.replace(oldValue, newValue, ignoreCase = true)  
  
    print(output)  
}
```

Output

```
Kotlin Tutorial - Replace String - Examples
```

Conclusion

In this [Kotlin Tutorial – Kotlin Replace String](#), we have learnt how to replace a old value with a new value in a string. We have also dealt with ignoring case while replacing the string with Kotlin Examples.

Kotlin Java

◆ [Kotlin Tutorial](#)

Getting Started

◆ [Setup Kotlin\(Java\) Project](#)

◆ [Kotlin Example Program](#)

◆ [Convert Java to Kotlin](#)

◆ [Kotlin Main Function](#)

- ◆ Kotlin Loops
- ◆ Kotlin For Loop
- ◆ Kotlin While, Do While Loops
- ◆ Kotlin Repeat
- ◆ Kotlin Ranges
- ◆ Kotlin When

Object Oriented Concepts

Classes

- ◆ Kotlin - Class, Primary and Secondary Constructors
- ◆ Kotlin Sealed Class
- ◆ Kotlin Data Class
- ◆ Kotlin Enum
- ◆ Kotlin - Extension Functions

Inheritance

- ◆ Kotlin Inheritance
- ◆ Kotlin Override Method of Super Class

Abstraction

- ◆ Kotlin Abstraction
- ◆ Kotlin Abstract Class
- ◆ Kotlin - Interfaces
- ◆ Kotlin Null Safety

Exception Handling

- ◆ Kotlin Try Catch
- ◆ Kotlin Throw Exception
- ◆ Kotlin Custom Exception

Fix Compilation Errors

- ◆ Kotlin - Variable must be initialized
- ◆ Kotlin - Primary Constructor call expected
- ◆ Kotlin - Null can not be a value of a non-null type String

- ◆ [Kotlin - Cannot create an instance of an abstract class](#)

Kotlin - String Operations

- ◆ [Kotlin - Compare Strings](#)

⇒ [Kotlin - Replace String](#)

- ◆ [Kotlin - Split String](#)

- ◆ [Kotlin - Split String to Lines](#)

- ◆ [Kotlin - String Capitalize](#)

Kotlin - Functions

- ◆ [Kotlin Function - Default Arguments](#)

- ◆ [Kotlin - Use Function](#)

Kotlin Collections

Kotlin List

- ◆ [Kotlin List](#)

- ◆ [Kotlin List forEach](#)

Kotlin File Operations

- ◆ [Kotlin - Create File](#)

- ◆ [Kotlin - Read File](#)

- ◆ [Kotlin - Read File as List of Lines](#)

- ◆ [Kotlin - Write to File](#)

- ◆ [Kotlin - Append Text to File](#)

- ◆ [Kotlin - Check if File Exists](#)

- ◆ [Kotlin - Copy a File to Other](#)

- ◆ [Kotlin - Iterate through all files in a directory](#)

- ◆ [Kotlin - Delete Recursively](#)

- ◆ [Kotlin - Get File Extension](#)

Kotlin Interview Q/A

- ◆ [Kotlin Interview Questions](#)

Kotlin Android

◆ [Kotlin Android Tutorial](#)

Useful Resources

◆ [How to Learn Programming](#)