

How to Remove Last N Characters from String in Kotlin?

Kotlin – Remove Last N Characters from String

To remove last N characters from a String in Kotlin, use `String.dropLast()` method.

Given a string `str1`, and if we would like to remove last `n` characters from this string `str1`, call `dropLast()` method on string `str1` and pass the integer `n` as argument to the method as shown below.

```
str1.dropLast(n)
```

`dropLast()` method returns a new string with the last `n` characters removed from the given string.

Example 1 – Remove Last N Characters in String

In this example, we will take a string in `str1`, and drop the last `3` characters from the string `str1`.

Kotlin Program

```
fun main(args: Array<String>) {  
    val str1 = "abcdefg"  
    val n = 3  
    val result = str1.dropLast(n)  
    println("Original String : " + str1)  
    println("Resulting String : " + result)  
}
```

Output

```
Original String : abcdefg  
Resulting String : abcd
```

Example 2 – N > String Length

If the value of `n` is greater than the original string length, then `dropLast()` method returns an empty string.

Kotlin Program

```
fun main(args: Array<String>) {  
    val str1 = "abcdefg"  
    val n = 10  
    val result = str1.dropLast(n)  
    println("Original String : " + str1)  
    println("Resulting String : " + result)  
}
```

Output

```
Original String : abcdefg
Resulting String :
```

Conclusion

In this [Kotlin Tutorial](#), we learned how to remove last N characters from a given string using `String.drop()` method, with the help of Kotlin example programs.

Related Tutorials

- [\[Solved\] Kotlin Error: Null can not be a value of a non-null type String](#)
- [How to Compare Strings in Kotlin?](#)
- [Kotlin – Split String to Lines – `String.lines\(\)` function](#)
- [Kotlin – Split String – Examples](#)
- [Kotlin String capitalize – First letter uppercased – Example](#)
- [Kotlin – String to Integer – `String.toInt\(\)`](#)
- [How to Compare Strings in Kotlin?](#)
- [How to Check if Two Strings are Equal in Kotlin?](#)
- [How to Get Character at Specific Index of String in Kotlin?](#)
- [How to get Substring of a String in Kotlin?](#)
- [How to check if a String contains Specified String in Kotlin?](#)
- [How to Remove First N Characters from String in Kotlin?](#)
- [How to Check if String Starts with Specified Character in Kotlin?](#)
- [How to Check if String Starts with Specified String Value in Kotlin?](#)
- [How to Check if String Ends with Specified Character in Kotlin?](#)
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- [How to Filter Characters of String in Kotlin?](#)
- [How to Iterate over Each Character in the String in Kotlin?](#)

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

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