

# How to Get Character at Specific Index of String in Kotlin?

## Kotlin – Get Character at Specific Index of String

To get character at specific index of String in Kotlin, use `String.get()` method.

Given a string `str1`, and if we would like to get the character at index `index` in the string `str1`, call `get()` method on string `str1` and pass the index `index` as argument to the method as shown below.

```
str1.get(index)
```

`get()` method returns the character at `index`.

### Example 1 – Get Character at Specific Index in String

In this example, we will take a string in `str1`, and get the character at index `2`.

#### Kotlin Program

```
fun main(args: Array<String>) {  
    val str1 = "abcd"  
    val index = 2  
    val ch = str1.get(index)  
    println("The character at index 2 is : " + ch)  
}
```

#### Output

```
The character at index 2 is : c
```

### Example 2 – Index Out of Bounds for String

If the specified index is out of bounds for the given string, the `get()` method throws `java.lang.StringIndexOutOfBoundsException`.

#### Kotlin Program

```
fun main(args: Array<String>) {  
    val str1 = "abcd"  
    val index = 8  
    val ch = str1.get(index)  
    println("The character at index 2 is : " + ch)  
}
```

#### Output

```
Exception in thread "main" java.lang.StringIndexOutOfBoundsException: String index out of range: 44
    at java.base/java.lang.StringLatin1.charAt(StringLatin1.java:44)
    at java.base/java.lang.String.charAt(String.java:692)
    at KotlinExampleKt.main(KotlinExample.kt:4)
```

## Conclusion

In this [Kotlin Tutorial](#), we learned how to get the character at specific index in given string using `String.get()` 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 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 Remove Last 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?](#)
- [How to Check if String Ends with Specified String in Kotlin?](#)
- [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

‣ [How to Learn Programming](#)