Kotlin – Split String to Lines – String.lines() function

Split String to Lines

To split string to lines in Kotlin programming, you may use String.lines() function. The function lines() : splits the char sequence to a list of lines delimited by any of the following character sequences: Carriage-Return Line-Feed, Line-Feed or Carriage-Return.

Syntax – String.lines() function

The syntax of String.lines() function is

```
fun CharSequence.lines(): List<String> (source)
```

The function applied on a String returns List<String> containing lines.

Example 1 – Split String to Lines

Following example demonstrates the usage of lines() function to split string to lines.

example.kt

```
/**
 * Kotlin example to split string to lines
 */

fun main(args: Array<String>) {
    // string to be split to lines
    var str: String = "Kotlin Tutorial.\nLearn Kotlin Programming with Ease.\rLearn Kotl

    // splitting string using lines() function
    var lines = str.lines()

    // printing lines
    lines.forEach { println(it) }
}
```

Output

```
Kotlin Tutorial.
Learn Kotlin Programming with Ease.
Learn Kotlin Basics.
```

Conclusion

In this Kotlin Tutorial, we have learnt to split a string to lines using String.lines() function.

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