

JAVA.LANG.STRINGBUILDER.LASTINDEXOF METHOD

http://www.tutorialspoint.com/java/lang/stringbuilder_lastindexof_index.htm

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Description

The **java.lang.StringBuilder.lastIndexOf** method returns the index within this string of the last occurrence of the specified substring. The **fromIndex** argument shows the index to start the search from.

Declaration

Following is the declaration for **java.lang.StringBuilder.lastIndexOf** method

```
public int lastIndexOf(String str, int fromIndex)
```

Parameters

- **str** -- This is the substring to search for.
- **fromIndex** -- This is the index to start the search from.

Return Value

This method returns the index within this sequence of the last occurrence of the specified substring.

Exception

- **NullPointerException** -- if str is null.

Example

The following example shows the usage of java.lang.StringBuilder.lastIndexOf method.

```
package com.tutorialspoint;

import java.lang.*;

public class StringBuilderDemo {

    public static void main(String[] args) {

        StringBuilder str = new StringBuilder("tutorialspoint");
        System.out.println("string = " + str);

        /* returns the index within this string of the rightmost occurrence of the
        specified substring */
        System.out.println("last index of i = " + str.lastIndexOf("i"));

        // returns index as the substring is found with fromIndex 10
        System.out.print("last index of als = ");
        System.out.println(str.lastIndexOf("als", 10));

        // returns -1 as fromIndex 2 can't find the substring
        System.out.print("last index of ori = ");
        System.out.println(str.lastIndexOf("ori", 2));
    }
}
```

Let us compile and run the above program, this will produce the following result:

```
string = tutorialspoint
last index of i = 12
```

```
last index of als = 6  
last index of ori = -1
```

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