

JAVA.LANG.STRING.LASTINDEXOF METHOD

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

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Description

The **java.lang.String.lastIndexOf**(String str, int fromIndex) method returns the index within this string of the last occurrence of the specified substring, searching backward starting at the specified index. The integer returned is the largest value k such that:

k >= Math.min(fromIndex, this.length()) && **this.startsWith**(str, k), if no such value of k exists, then -1 is returned.

Declaration

Following is the declaration for **java.lang.String.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 string of the last occurrence of the specified substring.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringDemo {

    public static void main(String[] args) {

        String str1 = "Collections of tutorials at tutorials point";

        /* search starts from index 17 and if located it returns
        the index of the first character of the last substring "tutorials" */
        System.out.println("index = " + str1.lastIndexOf("tutorials", 17));

        /* search starts from index 9 and returns -1 as substring "admin"
        is not located */
        System.out.println("index = " + str1.lastIndexOf("admin", 9));

    }

}
```

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

```
index = 15
index = -1
```

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