

JAVA.LANG.STRINGBUFFER.LASTINDEXOF METHOD

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

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Description

The **java.lang.StringBuffer.lastIndexOf** method returns the index within this string of the rightmost occurrence of the specified substring.

Declaration

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

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

Parameters

- **str** -- This is the substring to search for.

Return Value

If the string argument occurs one or more times as a substring within this object, then the index of the first character of the last such substring is returned. If it does not occur as a substring, -1 is returned.

Exception

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

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringBufferDemo {

    public static void main(String[] args) {

        StringBuffer buff = new StringBuffer("tutorialspoint");
        System.out.println("buffer = " + buff);

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

        // returns -1 as substring am is not found
        System.out.println("last index of am = " + buff.lastIndexOf("am"));
    }
}
```

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

```
buffer = tutorialspoint
last index of a = 6
last index of am = -1
```

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