

JAVA.LANG.STRING.LASTINDEXOF METHOD

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

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Description

The **java.lang.String.lastIndexOf**(*int* ch, *int* fromIndex) method returns the index within this string of the last occurrence of the specified character, searching backward starting at the specified index.

Declaration

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

```
public int lastIndexOf(int ch, int fromIndex)
```

Parameters

- **ch** -- This is the value of character *Unicode codepoint*.
- **fromIndex** -- This is the index to start the search from. If it is greater than or equal to the length of this string, it has the same effect as if it were equal to one less than the length of this string: this entire string may be searched. If it is negative, it has the same effect as if it were -1: -1 is returned.

Return Value

This method returns the index of the last occurrence of the character in the character sequence represented by this object that is less than or equal to fromIndex, or -1 if the character does not occur before that point.

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 str = "This is tutorialspoint";

        /* returns positive value(last occurrence of character t) as character
        is located, which searches character t backward till index 14 */
        System.out.println("last index of letter 't' = "
            + str.lastIndexOf('t', 14));

        /* returns -1 as character is not located under the give index,
        which searches character s backward till index 2 */
        System.out.println("last index of letter 's' = "
            + str.lastIndexOf('s', 2));

        // returns -1 as character e is not in the string
        System.out.println("last index of letter 'e' = "
            + str.lastIndexOf('e', 5));
    }
}
```

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

```
last index of letter 't' = 10  
last index of letter 's' = -1  
last index of letter 'e' = -1
```

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