**Java – String lastIndexOf() Method example**

[**STRING HANDLING**](http://beginnersbook.com/category/string-handling/)

In the last tutorial we discussed [**indexOf()**](http://beginnersbook.com/2013/12/java-string-indexof-method-example/) method. In this tutorial we will discuss lastIndexOf() method which is used for finding out the index of last occurrence of a char/sub-string in a particular String.  
**Variations:**  
int lastIndexOf(int ch): It returns the last occurrence of character ch in the particular String.  
int lastIndexOf(int ch, int fromIndex): It returns the last occurrence of ch, starting searching backward from the specified index “fromIndex”.  
int lastIndexOf(String str): Returns the last occurrence of str in a String.  
int lastIndexOf(String str, int fromIndex): Returns the last occurrence of str, starting searching backward from the specified index “fromIndex”.

**Example of lastIndexOf() method**

public class LastIndexOfExample{

public static void main(String args[]) {

String str1 = new String("This is a BeginnersBook tutorial");

String str2 = new String("Beginners");

String str3 = new String("Book");

String str4 = new String("Books");

System.out.println("Last 'B' in str1: "+str1.lastIndexOf('B'));

System.out.println("Last 'B' in str1 whose index<=15:"+str1.lastIndexOf('B', 15));

System.out.println("Last 'B' in str1 whose index<=30:"+str1.lastIndexOf('B', 30));

System.out.println("Last occurrence of str2 in str1:"+str1.lastIndexOf(str2));

System.out.println("Last occurrence of str2 in str1 before 15:"+str1.lastIndexOf(str2, 15));

System.out.println("Last occurrence of str3 in str1:"+str1.lastIndexOf(str3));

System.out.println("Last occurrence of str4 in str1"+str1.lastIndexOf(str4));

System.out.println("Last occurrence of 'is' in str1:"+str1.lastIndexOf("is"));

System.out.println("Last occurrence of 'is' in str1 before 4:"+str1.lastIndexOf("is", 4));

}

}

Output:

Last 'B' in str1: 19

Last 'B' in str1 whose index<=15:10

Last 'B' in str1 whose index<=30:19

Last occurrence of str2 in str1:10

Last occurrence of str2 in str1 before 15:10

Last occurrence of str3 in str1:19

Last occurrence of str4 in str1-1

Last occurrence of 'is' in str1:5

Last occurrence of 'is' in str1 before 4:2