JAVA.UTIL.COLLECTIONS.LASTINDEXOFSUBLIST METHOD

Description

The **lastIndexOfSubList***List* < ? > , *List* < ? > method is used to get the starting position of the last occurrence of the specified target list within the specified source list.

Declaration

Following is the declaration for **java.util.Collections.lastIndexOfSubList** method.

```
public static int lastIndexOfSubList(List<?> source, List<?> target)
```

Parameters

- **source** -- This is the list in which to search for the last occurrence of target.
- **target** -- This is the list to search for as a subList of source.

Return Value

The method call returns the starting position of the last occurrence of the specified target list within the specified source list, or -1 if there is no such occurrence.

Exception

- **NA**

Example

The following example shows the usage of java.util.Collections.lastIndexOfSubList

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
   public static void main(String args[]) {
   // create two array list objects
   List arrlistsrc = new ArrayList();
   List arrlisttarget = new ArrayList();

   // populate two lists
   arrlistsrc.add("A");
   arrlistsrc.add("B");
   arrlistsrc.add("C");
   arrlistsrc.add("D");
   arrlistsrc.add("E");

   arrlisttarget.add("C");
   arrlisttarget.add("D");
   arrlisttarget.add("E");

   // check starting position of the last occurrenc
   int index = Collections.lastIndexOfSubList(arrlistsrc, arrlisttarget);

   System.out.println("Starting position is: "+index);
   }
}
```

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

```
Starting position is: 2
```