

JAVA EXAMPLES - FIND SUBLIST IN A LIST

http://www.tutorialspoint.com/javaexamples/collection_sublist.htm

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Problem Description:

How to find a sublist in a List?

Solution:

Following example uses `indexOfSubList` & `lastIndexOfSubList` to check whether the sublist is there in the list or not & to find the last occurrence of the sublist in the list.

```
import java.util.*;

public class Main {
    public static void main(String[] args) {
        List list = Arrays.asList("one Two three Four five
        six one three Four".split(" "));
        System.out.println("List :"+list);
        List sublist = Arrays.asList("three Four".split(" "));
        System.out.println("SubList :"+sublist);
        System.out.println("indexOfSubList: "
        + Collections.indexOfSubList(list, sublist));
        System.out.println("lastIndexOfSubList: "
        + Collections.lastIndexOfSubList(list, sublist));
    }
}
```

Result:

The above code sample will produce the following result.

```
List :[one, Two, three, Four, five, six, one, three, Four]
SubList :[three, Four]
indexOfSubList: 2
lastIndexOfSubList: 7
```

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