

JAVA.UTIL.COLLECTIONS.REVERSEORDER METHOD

http://www.tutorialspoint.com/java/util/collections_reverseorder_comparator.htm

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Description

The **reverseOrderComparator** $< T >$ method is used to get a comparator that imposes the reverse ordering of the specified comparator.

Declaration

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

```
public static <T> Comparator<T> reverseOrder(Comparator<T> cmp)
```

Parameters

- **cmp** -- This is the comparator.

Return Value

The method call returns a comparator that imposes the reverse ordering of the specified comparator.

Exception

- **NA**

Example

The following example shows the usage of **java.util.Collections.reverseOrder**

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String args[]) {
        // create linked list object
        LinkedList<Integer> list = new LinkedList<Integer>();

        // populate the list
        list.add(-28);
        list.add(20);
        list.add(-12);
        list.add(8);

        // create comparator for reverse order
        Comparator<Integer> cmp = Collections.reverseOrder(null);

        // sort the list
        Collections.sort(list, cmp);

        System.out.println("List sorted in ReverseOrder: ");
        for(int i : list){
            System.out.println(i+ " ");
        }
    }
}
```

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

```
List sorted in ReverseOrder:
20
```

8

-12

-28

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