

JAVA EXAMPLES - REVERSING A COLLECTION

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

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Problem Description:

How to reverse a collection ?

Solution:

Following example demonstrates how to reverse a collection with the help of listiterator and Collection.reverse methods of Collection and Listiterator class .

```
import java.util.ArrayList;
import java.util.Collections;
import java.util.List;
import java.util.ListIterator;

class UtilDemo3 {
    public static void main(String[] args) {
        String[] coins = { "A", "B", "C", "D", "E" };
        List l = new ArrayList();
        for (int i = 0; i < coins.length; i++)
            l.add(coins[i]);
        ListIterator liter = l.listIterator();
        System.out.println("Before reversal");
        while (liter.hasNext())
            System.out.println(liter.next());
        Collections.reverse(l);
        liter = l.listIterator();
        System.out.println("After reversal");
        while (liter.hasNext())
            System.out.println(liter.next());
    }
}
```

Result:

The above code sample will produce the following result.

```
Before reversal
A
B
C
D
E
After reversal
E
D
C
B
A
```

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