**Iterate a LinkedList in reverse sequential order – java**

[**JAVA.UTIL PACKAGE**](http://beginnersbook.com/category/java-util-package/)

**Description**

Program to iterate a LinkedList in reverse order using descendingIterator() method of LinkedList class.

**Program**

import java.util.LinkedList;

import java.util.Iterator;

class LinkedListDemo {

public static void main(String[] args) {

// create a LinkedList

LinkedList<String> list = new LinkedList<String>();

// Adding elements to the LinkedList

list.add("Element1");

list.add("Element2");

list.add("Element3");

list.add("Element4");

// Displaying LinkedList elements

System.out.println("LinkedList elements: "+list);

/\* public Iterator<E> descendingIterator(): Returns an

\* iterator over the elements in this list in reverse

\* sequential order. The elements will be returned in

\* order from last (tail) to first (head).

\*/

Iterator it = list.descendingIterator();

// Displaying list in reverse order

System.out.println("Elements in Reverse Order:");

while (it.hasNext()) {

System.out.println(it.next());

}

}

}

**Output:**

LinkedList elements: [Element1, Element2, Element3, Element4]

Elements in Reverse Order:

Element4

Element3

Element2

Element1