**Java – Remove element from a specific index in LinkedList example**

[**JAVA COLLECTIONS**](http://beginnersbook.com/category/java-collections/)

In this example, we are gonna see how to remove an element from LinkedList.

**Example**

We will be using [**remove(int index) method**](http://docs.oracle.com/javase/7/docs/api/java/util/LinkedList.html#remove(int)) of LinkedList class to remove an element from a specific index. Method definition and description are as follows:

public E remove(int index): Removes the element at the specified position in this list. Shifts any subsequent elements to the left (subtracts one from their indices). Returns the element that was removed from the list.

import java.util.LinkedList;

public class RemoveFromLinkedList {

public static void main(String[] args) {

// Create a LinkedList

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

// Add elements to LinkedList

linkedlist.add("Cobol");

linkedlist.add("JCL");

linkedlist.add("C++");

linkedlist.add("C#");

linkedlist.add("Java");

// Displaying Elements before replace

System.out.println("LinkedList Elements:");

for(String str: linkedlist){

System.out.println(str);

}

// Removing 3rd element

Object e1 = linkedlist.remove(2);

System.out.println("\nElement "+ e1+ " removed from the list\n");

// LinkedList elements after remove

System.out.println("After removal:");

for(String str2: linkedlist){

System.out.println(str2);

}

}

}

**Output:**

LinkedList Elements:

Cobol

JCL

C++

C#

Java

Element C++ removed from the list

After removal:

Cobol

JCL

C#

Java