package listConcept;

import java.util.Iterator;

import java.util.LinkedList;

public class LinkedListConcept {

public static void main(String[] args) {

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

**// add:**

ll.add("Kiara");

ll.add("Shaina");

ll.add("Samar");

ll.add("Khunger");

ll.add("Bajaj");

**// print:**

System.out.println("content of linkedlist:" + ll);

**// addfirst:**

ll.addFirst("Sushant");

**// addlast:**

ll.addLast("SRK");

System.out.println("content of linkedlist:" + ll);

**// get:**

System.out.println(ll.get(0));

System.out.println(ll.get(6));

**// set:**

ll.set(1, "Katrina");

System.out.println("content of linkedlist:" + ll);

**// remove:**

ll.removeFirst();

ll.removeLast();

System.out.println("content of linkedlist:" + ll);

ll.remove(0); // remove by index value

System.out.println("content of linkedlist:" + ll);

**// how to print all the values in Linkedlist**

System.out.println("\*\*\*\*\*\*Print all values");

**// for loop**

System.out.println("\*\*\*\*\*\*using for loop");

for (int n = 0; n < ll.size(); n++) {

System.out.println(ll.get(n));

}

**// advanced for loop**

System.out.println("\*\*\*\*\*\*using advanced for loop");

for (String str : ll) {

System.out.println(str);

}

**// iterator**

System.out.println("\*\*\*\*\*\*using iterator");

Iterator<String> it = ll.iterator();

while (it.hasNext()) {

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

}

**// while loop**

System.out.println("\*\*\*\*\*\*using while loop");

int num = 0;

while (ll.size() > num) {

System.out.println(ll.get(num));

num++;

}

}

}