**package** org.list.test;

**import** java.util.\*;

**public** **class** Sample {

**public** **static** **void** main(String[] args) {

//Declaring the List

List<Integer> li = **new** LinkedList<Integer>();

//Add a value to the List

li.add(10); //0

li.add(20); //1

li.add(30); //2

li.add(40); //3

li.add(10); //4

//Declaring the List

List<Integer> li1 = **new** LinkedList<Integer>();

//Add a value to the List

li1.add(30); //0

li1.add(40); //1

li1.add(50); //2

//To identify the size of the list

**int** siz = li.size();

System.***out***.println(siz);

//To get the Value from the Particular Index

Integer get = li.get(2);

System.***out***.println(get);

//Print the List

System.***out***.println(li);

//To add a value to the particular index

li.add(1, 15);

System.***out***.println(li);

//To remove the Value from the particular index

li.remove(1);

System.***out***.println(li);

//To replace the given Value from the particular index

li.set(1, 19);

System.***out***.println(li);

//To find the index of particular value

**int** ind = li.indexOf(10);

System.***out***.println(ind);

//To find the last index of particular value

**int** las = li.lastIndexOf(10);

System.***out***.println(las);

//To check if the given value is present in the String or not

**boolean** con = li.contains(20);

System.***out***.println(con);

//Join two List

//li.addAll(li1);

//System.out.println(li);

//To print only the similar value between the list

//li.retainAll(li1);

//System.out.println(li);

//To print only the dissimilar value between the list

//li.removeAll(li1);

//System.out.println(li);

//iteration of the List using Normal For Loop

// 1 2 4

**for**(**int** i = 0 ; i < li.size() ; i++)

{// 3

System.***out***.println(li.get(i));

}

//Enhanced For Loop

// 2 1

**for**(Integer x : li) {

// 3

System.***out***.println(x);

}

}

}