package collections;

import java.util.ArrayList;

import java.util.HashSet;

import java.util.LinkedList;

import java.util.Set;

public class collections {

public static void main(String[] args) {

ArrayList<String> names = new ArrayList<String>();

System.out.println("Original array: "+names);

names.add("Jason");

names.add("Kevin");

names.add("Riddle");

System.out.println("After adding elements: "+names);

names.remove("Jason");

System.out.println("After remove: "+names);

System.out.println("Size of the array: "+names.size());

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

System.out.println("\nOriginal list: "+codes);

codes.push("A101");

codes.push("A102");

codes.push("A103");

System.out.println("After pushing elements: "+codes);

codes.pop();

System.out.println("After pop: "+codes);

System.out.println("Peek: "+codes.peek());

Set<Integer> ids = new HashSet<Integer>();

System.out.println("\nOriginal set: "+ids);

ids.add(1);

ids.add(2);

ids.add(2);

ids.add(3);

System.out.println("After adding elements: "+ids);

System.out.println("The ids set contain 1? "+ids.contains(1));

System.out.println("Is the ids set empty? "+ids.isEmpty());

}

}