/\*

\* Exercise 1-2

\*/

public class Solution {

public static void main(String[] args) {

int[] array1 = { 1, 2, 3, 4, 4 };

int[] array2 = { 3, 1, 4, 1, 5, 9, 2, 6, 5, 3, 5, 8, 9, 3, 9 };

int[] array3 = { 1, 1, 1, 1 };

showNonDuplicateArray(array1);

showNonDuplicateArray(array2);

showNonDuplicateArray(array3);

}

/\*

\* Remove duplicate elements in an array and print it in the standard output

\*

\* @param a the input array

\*/

public static void showNonDuplicateArray(int[] arr) {

// TODO

List list = new ArrayList();

for (int i = 0; i < arr.length; i++) {

if (!list.contains(arr[i])) {

list.add(arr[i]);

}

}

Object[] newArr = list.toArray();

for (int i = 0; i < newArr.length; i++) {

System.out.print(" " + newArr[i]);

}

System.out.println();

}

}