import java.util.Scanner;

class MyLogic {

// Method to perform the coding logic

public static int[] removeDuplicates(int[] arr) {

// Using a HashSet to store unique elements

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

List<Integer> resultList = new ArrayList<>();

// Iterate through the array

for (int num : arr) {

// If the element is not present in the set, add it to the result list

if (!set.contains(num)) {

resultList.add(num);

set.add(num);

}

}

// Convert the result list to an array

int[] resultArr = new int[resultList.size()];

for (int i = 0; i < resultList.size(); i++) {

resultArr[i] = resultList.get(i);

}

return resultArr;

}

}

public class Main {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Input the size of the array

System.out.println("Enter the size of the array:");

int size = scanner.nextInt();

// Input the elements of the array

int[] arr = new int[size];

System.out.println("Enter the elements of the array:");

for (int i = 0; i < size; i++) {

arr[i] = scanner.nextInt();

}

// Call the coding logic method

int[] result = MyLogic.removeDuplicates(arr);

// Output the result

System.out.println("Array with duplicates removed:");

for (int num : result) {

System.out.print(num + " ");

}

}

}