1).

import java.io.\*;

import java.util.Scanner;

import java.util.\*;

public class distinct\_ele {

static void distinct(int arr[], int num)

{

System.out.println("");

System.out.println("Distinct Elements: ");

for (int i = 0; i < num; i++)

{

int j;

for (j = 0; j < i; j++)

if (arr[i] == arr[j])

break;

if (i == j)

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

}

}

public static void main (String[] args)

{

Scanner sc = new Scanner(System.in);

int num;

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

num = sc.nextInt();

int arr[] = new int[num];

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

for(int i=0; i<num; i++)

{

arr[i] = sc.nextInt();

}

distinct(arr, num);

}

}