import java.util.Scanner;

import java.util.Arrays;

class Airport{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

int n= sc.nextInt();

int[] a=new int[n];

//System.out.println("enter ");

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

a[i]=sc.nextInt();

Arrays.sort(a);

//System.out.println(" item are");

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

System.out.println(a[i]);

}

}