import java.util.Scanner;

class Choclate{

public static void main(String args[]){

Scanner sc= new Scanner(System.in);

int n,i,j,count=0;

System.out.println("enter");

n = sc.nextInt();

int[] a=new int[n];

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

a[i]=sc.nextInt();

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

{

if(a[i]!=0)

{

a[count]=a[i];

count++;

}

}

while(count<n)

{

a[count]=0;

count++;

}

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

System.out.println("the array ele : "+a[j]) ;

}

}