#include<stdio.h>

#include<math.h>

int main()

{

int a[10],n,k=0;

scanf("%d",&n);

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

scanf("%d",&a[i]);

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

{

if (a[i] != 0) {

a[k++] = a[i];

}

}

for (int i = k; i < n; i++) {

a[i] = 0;

}

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

printf("%d\t",a[i]);

}