#include <stdio.h>

void main(){

int n;

printf("enter size of all array:");

scanf("%d",&n);

int m1,m2,a[n],b[n],c[n],i,k;

printf("enter number of occupied space of a[n]:");

scanf("%d",&m1);

printf("enter number of occupied space of b[n]");

scanf("%d",&m2);

// enter element's value in both array

printf("enter array elements in a[n]\n");

for(i=0;i<m1;i++){

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

c[i]=a[i];

}

k=i;

printf("enter array elements in b[n]\n");

for(i=0;i<m2;i++){

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

c[k]=b[i];

k++;

}

printf("The new array after merging is:");

for(i=0;i<k;i++){

printf("%d",c[i]);

}

}