#include <stdio.h>

void main(){

int n;

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

scanf("%d",&n);

int m,ele,pos,arr[n],i;

printf("enter number of occupied space:");

scanf("%d",&m);

if(m>=n)

printf("value of m greater than n is not acceptable ");

else{

printf("enter elements of an array:\n");

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

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

}

// element inssertion

printf("enter element to insert and its position:");

scanf("%d%d",&ele,&pos);

for(i=m-1;i>=pos;i--){

arr[i+1]=arr[i];

}

arr[pos]=ele;

m++;

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

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

}

}