#include <stdio.h>

void main(){

int n;

printf("enter size of array:");

scanf("%d",&n);

int m, i, a[n], temp, j;

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

scanf("%d",&m);

printf("enter element's value of an array:");

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

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

}

// printing in ascending order

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

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

if(a[j]>a[i]){

temp=a[i];

a[i]=a[j];

a[j]=temp;

}

}

}

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

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

//printing in descending order

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

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

if(a[j]<a[i]){

temp=a[i];

a[i]=a[j];

a[j]=temp;

}

}

}

printf("\n");

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

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

}