#include<iostream>

using namespace std;

int n;

#define size 10

template<class T>

void sel(T A[size])

{

int i,j,min;

T temp;

for(i=0;i<n-1;i++)

{

min=i;

for(j=i+1;j<n;j++)

{

if(A[j]<A[min])

min=j;

}

temp=A[i];

A[i]=A[min];

A[min]=temp;

}

cout<<"\nSorted array:";

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

{

cout<<" "<<A[i];

}

}

int main()

{

int A[size];

float B[size];

int i;

cout<<"\nEnter total no of int elements:";

cin>>n;

cout<<"\nEnter int elements:";

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

{

cin>>A[i];

}

sel(A);

cout<<"\nEnter total no of float elements:";

cin>>n;

cout<<"\nEnter float elements:";

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

{

cin>>B[i];

}

sel(B);

}