#include<iostream>

using namespace std;

int n;

template<class T>

void sel(T A[10])

{

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<<"\n Sorted array : ";

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

{

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

}

}

int main()

{

int A[10];

float B[10];

int i;

cout<<"\n How many elements are in integer array : ";

cin>>n;

cout<<"\n Enter "<<n<<" integer elements : ";

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

{

cin>>A[i];

}

sel(A);

cout<<"\n How many elements are in float array : ";

cin>>n;

cout<<"\n Enter "<<n<<" float elements : ";

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

{

cin>>B[i];

}

sel(B);

}