#include<iostream>

using namespace std;

int main()

{

int n;

cout<<"size of frist array: ";

cin>>n;

int A[n];

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

cin>>A[i];

int m;

cout<<"\nsize of second array: ";

cin>>m;

int B[m];

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

cin>>B[i];

int i=0,j=0;

while(i<n && j<m)

{

if(A[i]<B[j])

i++;

else if(A[i]>B[j])

j++;

else if(A[i]==B[j])

{

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

if(A[i+1]==A[j])

i++;

else if(A[j+1]==A[i])

j++;

else

{

i++;

j++;

}

}

}

}

Text

Description automatically generated