#include<bits/stdc++.h>

using namespace std;

void solve(int \*arr1, int \*arr2, int n1, int n2){

unordered\_map<int,int> mp1;

unordered\_map<int,int> mp2;

for(int i=0;i<n1;i++){

mp1[arr1[i]]++;

}

for(int i=0;i<n2;i++){

mp2[arr2[i]]++;

}

for(int i=0;i<n2;i++){

if(mp1.find(arr2[i])!=mp1.end()){

if(mp1[arr2[i]]!=0){

cout<<arr2[i]<<endl;

mp1[arr2[i]]--;

}

}

}

}

int main(){

int n1,n2;

cin>>n1;

int arr1[n1];

for(int i=0;i<n1;i++){

cin>>arr1[i];

}

cin>>n2;

int arr2[n2];

for(int i=0;i<n2;i++){

cin>>arr2[i];

}

solve(arr1,arr2,n1,n2);

}