#include<bits/stdc++.h>

using namespace std;

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

unordered\_map<int,int> mp;

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

mp[arr1[i]]++;

}

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

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

if(mp[arr2[i]]!=-1){

cout<<arr2[i]<<endl;

mp[arr2[i]] = -1;

}

}

}

}

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);

}