// time complexity is O(logn)

#include<iostream>

#include<algorithm>

using namespace std;

int main()

{

long long int n,key;

cin>>n;

long long int arr[n+1];

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

{

cin>>arr[i];

}

cin>>key;

sort(arr,arr+n);

bool present=binary\_search(arr,arr+n,key);

if(present)

{

auto lb=lower\_bound(arr,arr+n,key);

long long int index=lb-arr;

auto ub=upper\_bound(arr,arr+n,key);

long long int index1=ub-arr;

long long int frequency = ub-lb;

cout<< key << " occurred " << frequency << " times " <<endl;

}

else

cout<<key <<" not present "<<endl;

}