#include<iostream>

#include<algorithm>

using namespace std;

int count(int A[],int key,int n)

{

int \*l=lower\_bound(A,A+n,key);

if(l==(A+n)||\*l!=key)

return 0;

int \*f=upper\_bound(l,A+n,key);

return f-l;

}

int main()

{

int n,t;

cin>>t;

while(t>0)

{

int A[300];

cin>>n;

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

cin>>A[i];

int key,c;

cin>>key;

c=count(A,key,n);

if(c==0)

cout<<"key not present";

else cout<<key<<"---"<<c;

t--;

}

}

