#include <iostream>

using namespace std;

int size,target,count1=0,flag=0,i,a[20];

class lsearch {

public:

void accept();

int search();

int count();

};

void lsearch::accept(){

cout<<"\nenter the array size:";

cin>>size;

cout<<"\nenter the array elements:";

for(i=0;i<size;i++){

cin>>a[i];

}

}

int lsearch::search(){

cout<<"\nenter the target we want to search:";

cin>>target;

for(i=0;i<size;i++){

if(a[i]==target){

flag=1;

cout<<"\ntarget is found at :"<<i;

return 1;

}

}

if(flag==0)

{

return -1;

}

return 0;

}

int lsearch::count(){

for(i=0;i<size;i++){

if(a[i]==target){

count1=count1+1;

}

}

cout<<"\n target found "<<count1<<" times";

return count1;

}

int main(){

lsearch b;

b.accept();

b.search();

b.count();

return 0;

}