//Insert and Search elements in STL set.

#include <iostream>

#include <set>

#include <algorithm>

using namespace std;

int main()

{

std::set<int> mySet;

std::set<int>::iterator it;

mySet.insert(5);

mySet.insert(2);

mySet.insert(1);

mySet.insert(9);

mySet.insert(19);

mySet.insert(7);

for ( it=mySet.begin();it!=mySet.end();it++)

cout<<\*it<<" ";

int item=5;

it=mySet.find(item);

cout<<"\nsearching element "<<item;

if(it !=mySet.end())

cout<<"\nelement found";

else

cout<<"\nelement not found";

return 0;

}