#include<iostream>

#include<map>

#include<string>

#include<iterator>

using namespace std;

int main(){

int n,p;

string state;

map <string,int> mymap;

cout<<"Enter number of state you want to enter:";

cin>>n;

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

cout<<"Enter the name of state:";

cin>>state;

cout<<"Enter the population of the state:";

cin>>p;

mymap.insert(make\_pair(state,p));

}

map<string,int>::iterator itr;

cout<<"\nState \t-\t population"<<endl;

for(itr=mymap.begin();itr!=mymap.end();itr++){

cout<<(\*itr).first<<"\t-\t"<<(\*itr).second<<endl;

}

cout<<"Enter state to be searched:";

cin>>state;

itr=mymap.find(state);

if(itr==mymap.end()){

cout<<"State not found";

}

else{

cout<<"population of '"<<state<<"' is :"<<(\*itr).second;

}

return 0;

}