

PROGRAM :

```
#include<iostream>

#include<map>

#include<string>

using namespace std;

int main()

{

typedef map<string,int> mapType;

mapType populationMap;

populationMap.insert(pair<string, int>("Maharashtra", 902534));

populationMap.insert(pair<string, int>("Rajasthan", 324569));

populationMap.insert(pair<string, int>("Karnataka", 123569));

populationMap.insert(pair<string, int>("Punjab", 753226));

populationMap.insert(pair<string, int>("West Bengal", 123567));

mapType::iterator iter;

cout<<"====Population of states in India====\n";

cout<<"\n Size of populationMap"<<populationMap.size()<<"\n";

string state_name;

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

cin>>state_name;

iter = populationMap.find(state_name);

if( iter!= populationMap.end() )

    cout<<state_name<<" 's population is "

    <<iter->second ;

else

    cout<<"Key is not populationMap"<<"\n";

populationMap.clear();

}
```

OUTPUT :

```
=====Population of states in India=====

Size of populationMap5

Enter name of the state :Rajasthan
Rajasthan 's population is 324569
PS D:\STUDY\College\OOP&CGL\OOPL> cd "d:\STUDY\College\OOP&CGL\OOPL\" ;
=====Population of states in India=====

Size of populationMap5

Enter name of the state :Maharashtra
Maharashtra 's population is 902534
```