

//CODE: Map associative container .

```
#include<iostream>

#include<map>

#include<string>

using namespace std;

int main()
{
    map<string,int> statepopulation;
    statepopulation["Maharashtra"]=39538223;
    statepopulation["Punjab"]=29145505;
    statepopulation["Gujarat"]=21538187;
    statepopulation["Tamilnadu"]=20201249;
    statepopulation["Uttar Pradesh"]=12812508;
    string statename;
    cout<<"Enter the name of state: ";
    getline(cin,statename);
    auto it= statepopulation.find(statename);
    if(it!=statepopulation.end())
    {
        cout<<"The population of "<<it->first<<" is "<<it->second<<endl;
    }
    else
    {
        cout<<"State not found in the map"<<endl;
    }
    return 0;
}
```

//OUTPUT:

```
Enter the name of state: Tamilnadu
The population of Tamilnadu is 20201249
```

```
Enter the name of state: Haryana
State not found in the map
```