

Name : **vaishnavi Bharat Gangurde**

Roll No : **25**

Division : **A**

OOPL_Assignment No:7

SOURCE CODE:

```
#include <iostream>

#include <map>

#include <string>

using namespace std;

int main()
{
    typedef map<string, int> mapType;
    mapType populationMap;

    populationMap.insert(pair<string, int>("Maharashtra", 7026357));
    populationMap.insert(pair<string, int>("Rajasthan", 6578936));
    populationMap.insert(pair<string, int>("Karanataka", 6678993));
    populationMap.insert(pair<string, int>("Punjab", 5789032));
    populationMap.insert(pair<string, int>("West Bengal", 6676291));

    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 :punjab
Key is not populationMap
*/

```