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#include <iostream>

#include <map>

#include <string>

#include <utility>


using namespace std;


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


    populationMap.insert(pair<string, float>("Maharashtra", 125));
    populationMap.insert(pair<string, float>("Uttar Pradesh", 225));
    populationMap.insert(mapType::value_type("Bihar", 120));
    populationMap.insert(mapType::value_type("West Bengal", 100));
    populationMap.insert(make_pair("Madhya Pradesh", 90));
    populationMap.insert(make_pair("Tamil Nadu", 80));
    populationMap.insert(make_pair("Rajasthan", 78));
    populationMap.insert(make_pair("Andhra Pradesh", 53));
    populationMap.insert(make_pair("Odisha", 47));
    populationMap.insert(make_pair("Kerala", 38));
    populationMap.insert(make_pair("Telangana", 37));
    populationMap.insert(make_pair("Assam", 35));
    populationMap.insert(make_pair("Jharkhand", 38));
    populationMap.insert(make_pair("Karnataka", 68));
    populationMap.insert(make_pair("Gujarat", 70));
    populationMap.insert(make_pair("Punjab", 31));
    populationMap.insert(make_pair("Chhattisgarh", 30));
    populationMap.insert(make_pair("Haryana", 29));
    populationMap.insert(make_pair("UT Delhi", 19));
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populationMap.insert(make_pair("UT Jammu and Kashmir", 14));
populationMap.insert(make_pair("Uttarakhand", 12));
populationMap.insert(make_pair("Himachal Pradesh", 8));
populationMap.insert(make_pair("Tripura", 04));
populationMap.insert(make_pair("Meghalaya", 4));
populationMap.insert(make_pair("Manipur", 3));
populationMap.insert(make_pair("Nagaland", 2));
populationMap.insert(make_pair("Goa", 2));
populationMap.insert(make_pair("Arunachal Pradesh", 2));
populationMap.insert(make_pair("UT Puducherry", 2));
populationMap.insert(make_pair("Mizoram", 1));
populationMap.insert(make_pair("UT Chandigarh", 1));
populationMap.insert(make_pair("Sikkim", 1));
populationMap.insert(make_pair("UT Dadra and Nagar Haveli and Daman and Diu", 1));
populationMap.insert(make_pair("UT Andaman and Nicobar Islands", 1));
populationMap.insert(make_pair("UT Lakshadweep", 0.0003));
populationMap.insert(make_pair("UT Ladakh", 0.00006));

mapType::iterator iter = --populationMap.end();
populationMap.erase(iter);

cout << "Total state and UT of India with Size of populationMap: " << populationMap.size()
<< '\n';

for (iter = populationMap.begin(); iter != populationMap.end(); ++iter)
{
    cout << iter->first << ":" << iter->second << " million\n";
}

char c;
do

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{
    string state;

    cout<<"\nEnter that state you want to know the population of: ";

    cin>>state;

    iter = populationMap.find(state);
    if( iter != populationMap.end() )
        cout << state <<"s populations is "
            << iter->second << " million\n";
    else
        cout << "State is not in populationMap" << '\n';

    cout<<"Do you wish to continue?(y/n):";
    cin>>c;
}while(c=='y' || c=='Y');

populationMap.clear();

return 0;
}

```

OUTPUT

Total state and UT of India with Size of populationMap: 35

Andhra Pradesh:53 million

Arunachal Pradesh:2 million

Assam:35 million

Bihar:120 million

Chhattisgarh:30 million

Goa:2 million

Gujarat:70 million

Haryana:29 million
Himachal Pradesh:8 million
Jharkhand:38 million
Karnataka:68 million
Kerala:38 million
Madhya Pradesh:90 million
Maharashtra:125 million
Manipur[:3 million
Meghalaya:4 million
Mizoram:1 million
Nagaland:2 million
Odisha:47 million
Punjab:31 million
Rajasthan:78 million
Sikkim:1 million
Tamil Nadu:80 million
Telangana:37 million
Tripura:4 million
UT Andaman and Nicobar Islands:1 million
UT Chandigarh:1 million
UT Dadra and Nagar Haveli and Daman and Diu:1 million
UT Delhi:19 million
UT Jammu and Kashmir:14 million
UT Ladakh:0 million
UT Lakshadweep:0 million
UT Puducherry:2 million
Uttar Pradesh:225 million
Uttarakhand:12 million

Enter that state you want to know the population of: Maharashtra

Maharashtra's populations is 125 million

Do you wish to continue?(y/n):n