NAME: Aishwarya Edke

RLL NO: COSA46

CLASS:SE

```cpp
#include <iostream>
#include<map>
#include<string>
using namespace std;

int main()
{
        typedef map<string,int> mapType;
        mapType populationMap;
        populationMap.insert(pair<string, int>("Maharashtra", 8357));
        populationMap.insert(pair<string,int>("Haryana",15000));
        populationMap.insert(pair<string,int>("Rajasthan",65789));
        populationMap.insert(pair<string,int>("Karnataka",70234));
        populationMap.insert(pair<string,int>("Punjab",80234));
        populationMap.insert(pair<string,int>("West Bengol",90234));
        mapType::iterator iter;
        cout<<"Population States in India";
        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 ;
```
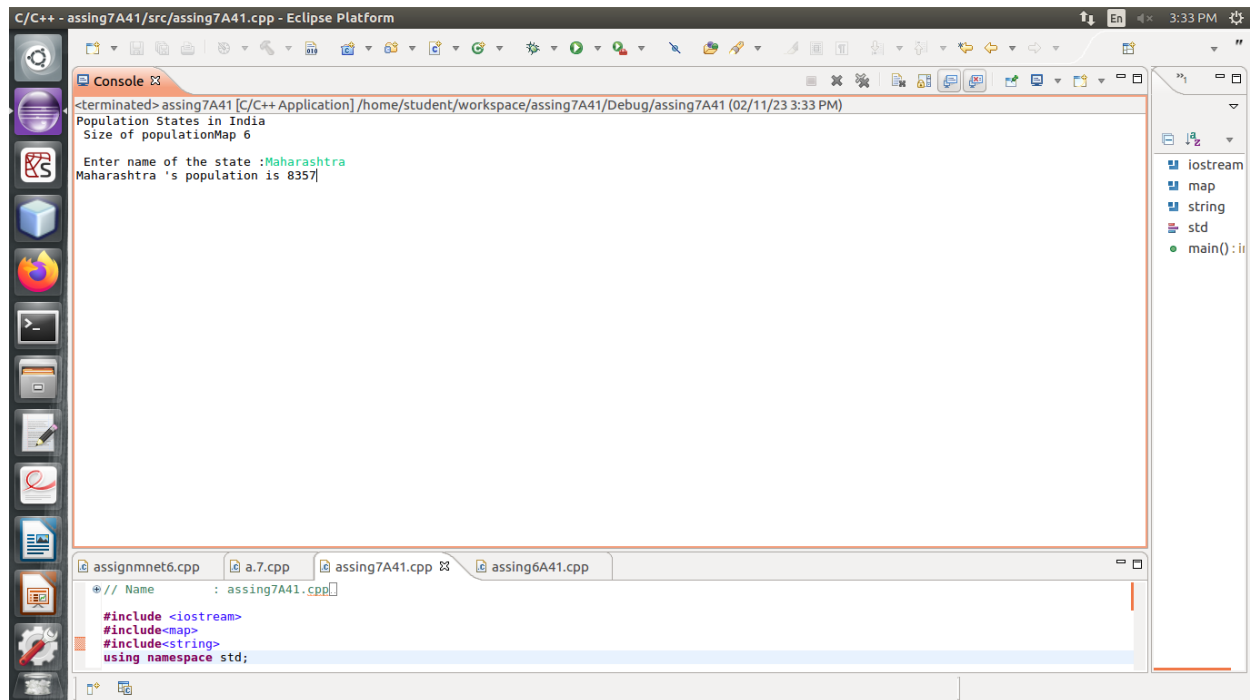
```cpp
        else
        cout<<"Key is not population Map"<<"\n";
        populationMap.clear();
}
```

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Console

<terminated> assing7A41 [C/C++ Application] /home/student/workspace/assing7A41/Debug/assing7A41 (02/11/23 3:34 PM)
Population States in India
 Size of populationMap 6

 Enter name of the state :Goa
Key is not population Map

iostream
map
string
std
main() : i

assignmnet6.cpp   a.7.cpp   assing7A41.cpp   assing6A41.cpp

// Name   : assing7A41.cpp

#include <iostream>
#include<map>