***7)*** C++ Program using map Associative Container

***CODE :-***

#include <iostream>

#include <map>

#include <string>

using namespace std;

int main()

{

map<string, int> statePopulation;

statePopulation["California"] = 39538223;

statePopulation["Texas"] = 29145505;

statePopulation["Florida"] = 21538187;

statePopulation["New York"] = 20201249;

statePopulation["Pennsylvania"] = 13002700;

statePopulation["India"] = 1450935791;

statePopulation["Taiwan"] = 23213962;

string stateName;

cout << "Enter the name of a state: ";

getline(cin, stateName);

auto it = statePopulation.find(stateName);

if (it != statePopulation.end())

{

cout << "The population of " << stateName << " is " << it->second << " people.\n";

}

else

{

cout << "State not found in the map.\n";

}

return 0;

}

***OUTPUT :-***



