11 YASHRAJ DEEPAK DEVRAT

#include<iostream>

#include<map>

#include<string>

using namespace std;

map<string,int> pop;

map<string,int>::iterator i;

void getdata(int n)

{

int r;

string q;

for(int i=0;i<n;i++)

{

cout<<"Enter the State and Population:-"<<endl; cin>>q>>r;

pop.insert(pair<string,int>(q,r));

}

}

void display()

{

for(i=pop.begin();i!=pop.end();i++)

{

cout<<"The State is "<<i->first<<" and the population is:- "<<i->second<<endl; }

}

void search()

{

string p;

cout<<"Enter the State:-"<<endl;

cin>>p;

i=pop.find(p);

if (i!=pop.end())

cout<<"State is present and the population is:-"<<i->second<<endl; else

cout<<"State is not their"<<endl;

}

int main()

{

int ch,n;

while(100)

{

cout<<"-----------MENU-----------"<<endl;

cout<<"1. Press '1' to Insert the Data"<<endl;

cout<<"Press '2' to display "<<endl;

cout<<"Press '3' to search"<<endl;

cout<<"Press '4' to exit"<<endl;

cout<<"Enter your choice:- "<<endl;

cin>>ch;

switch(ch)

{

case 1:

cout<<"Enter the number of entries:-"<<endl; cin>>n;

getdata(n);

break;

case 2:

display();

break;

case 3:

search();

break;

case 4:

exit(1);

break;

default:

cout<<"wrong choice"<<endl;

}

}

}







