//SYCM-I Roll No:15

//Date of Performance : 19/09/2022

//Practical : 7.2

//Title : Program to accept and display information of cities and population using array

// of objects.

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#include<iostream>

using namespace std;

class city

{

private:

char city\_name[15];

long population;

public:

void getcity(void)

{

cout<<"Enter City : ";

fflush(stdin);

gets(city\_name);

cout<<"Enter population : ";

cin>>population;

}

void display(void)

{

cout<<city\_name<<"\t"<<population<<"\n";

}

};

int main()

{

city c[5];

int i;

cout<<"Enter information of 5 cities : \n";

for(i=0;i<5;i++)

c[i].getcity();

cout<<"List of cities : \n";

cout<<"City \t Population \n";

for(i=0;i<5;i++)

c[i].display();

return 0;

}

OUTPUT

Enter information of 5 cities :

Enter City : Ahemdabad

Enter population : 1200000

Enter City : Mumbai

Enter population : 1700000

Enter City : Pune

Enter population : 1600000

Enter City : Nashik

Enter population : 19000000

Enter City : New Delhi

Enter population : 100000

List of cities :

City Population

Ahemdabad 1200000

Mumbai 1700000

Pune 1600000

Nashik 19000000

New Delhi 100000

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