#include<iostream>

#include<set>

#include<map>

using namespace std;

//set

//map

//multiset

//multimap

class Human {

string name;

int age = 0;

public:

Human(const string&name,const int&age)

{

this->name = name;

this->age = age;

}

void Show()const{

cout << "name : " << name << endl;

cout << "age : " << age << endl;

}

};

//void main() {

/\*set<int> s;

for (size\_t i = 0; i < 10; i++)

{

int num = rand() % 9;

cout << num << " ";

s.insert(num);

} cout << endl;

cout << endl;

for (auto i : s) {

cout << i << " ";

} cout << endl;\*/

//map

//key - value

/\*map<int, string>mymap;

mymap.insert({ 12,"Ferrari" });

mymap.insert({ 0,"Ford Mustang" });

mymap.insert({ 3,"Chevy Cruze" });

mymap.insert({ 17,"Hyundai Sonata" });

mymap.insert({ 3,"Maserati" });

for (auto item : mymap) {

cout << item.first << " " << item.second << endl;

}\*/

/\*map<string, Human>humans;

humans.insert({ "aze123", Human("John", 25)});

humans.insert({ "aze124", Human("Leyla", 22)});

humans.insert({ "aze125", Human("Axmed", 13)});

for (auto human : humans) {

cout << "Seria no : " << human.first << endl;

human.second.Show();

}\*/

/\*map<string, string>ypx;

ypx.insert({ "10-KY-248" , "Chevrolet Cruze 2LT" });

ypx.insert({ "99-CE-999","Mercedes Maybach" });

ypx.insert({ "10-AA-001","Porsche Cayenne" });

ypx.insert({ "01-AA-001","BMW I8" });

for (auto car : ypx) {

cout << car.first << " - " << car.second << endl;

}

cout << endl;

ypx["10-KY-248"] = "Range Rover 2021";

ypx["77-ZZ-777"] = "Mercedes Galendevagen";

for (auto car : ypx) {

cout << car.first << " - " << car.second << endl;

}

string car\_no;

cout << "car no : ";

cin >> car\_no;

auto car = ypx[car\_no];

cout << car << endl;

\*/

//}

struct Car {

map<string, string>properties;

void Print()const {

for (auto property : properties) {

cout << property.first << " - " << property.second << endl;

}

}

};

void main() {

Car c1;

c1.properties["name"] = "Ford Mustang";

c1.properties["speed"] = "350";

c1.properties["mass"] = "2000kg";

Car c2;

c2.properties["name"] = "Nissan GTR350";

c2.properties["speed"] = "320";

c2.properties["mass"] = "1255kg";

c2.properties["engine-type"] = "Compressor";

/\*c1.Print();

cout << endl;

c2.Print();\*/

/\*string hasTurbo = "";

cout << "yes or no" << endl;

cin >> hasTurbo;

if (hasTurbo == "yes") {

c2.properties.insert({ "has-turbo","yes" });

}

cout << endl;

c2.Print();\*/

//"mashin nomreleri"

// car obyekt

// model

// vendor

// price

// penalties

// 1:{"dayanma durma","20",\_\_DATE\_\_},

// 2:{"dayanma durma",20,\_\_DATE\_\_},

//

map<string, Car>ypx;

}