//多态案例2 制作饮品

#include<iostream>

using namespace std;

class absd {

public:

//煮水

virtual void boil() = 0;

//冲泡

virtual void brew() = 0;

//倒

virtual void pour() = 0;

//加料

virtual void put() = 0;

//制作

void make() {

boil();

brew();

pour();

put();

}

};

class coffe : public absd {

public:

//煮水

virtual void boil() {

cout << "煮" << endl;

}

//冲泡

virtual void brew() {

cout << "冲泡咖啡" << endl;

}

//倒

virtual void pour() {

cout << "倒入杯中" << endl;

}

//加料

virtual void put() {

cout << "加糖" << endl;

}

};

//制作茶叶

class tea : public absd {

public:

//煮水

virtual void boil() {

cout << "煮1" << endl;

}

//冲泡

virtual void brew() {

cout << "冲泡茶叶" << endl;

}

//倒

virtual void pour() {

cout << "倒入杯1中" << endl;

}

//加料

virtual void put() {

cout << "加柠檬" << endl;

}

};

//制作

void dowork(absd \* as) {

as->make();

delete as;

}

void test01() {

dowork(new coffe);

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

dowork(new tea);

}

int main() {

test01();

system("pause");

return 0;

}