实验三：

#include<iostream>

using namespace std;

class Triangle {

private:int a, b, c;

public:void Triangle(int, int, int);

void deal(int a, int b, int c) {

if (a == b == c)cout << "等边三角形";

else if (a == b || b == c || a == c)cout << "等腰三角形";

else if (a \* a + b \* b == c \* c || (b \* b + c \* c) == a \* a || (a \* a + c \* c) == b \* b)cout << "直角三角形";

else if (a + b > c && a + c > b && b + c > a)cout << "三角形";

else cout << "不是三角形";

}

};

void Triangle::Triangle(int A, int B, int C) {

a = A;

b = B;

c = C;

}

void main() {

int a, b, c;

cout << "构造一个三角形，请输入三边长" << endl;

cin >> a >> b >> c;

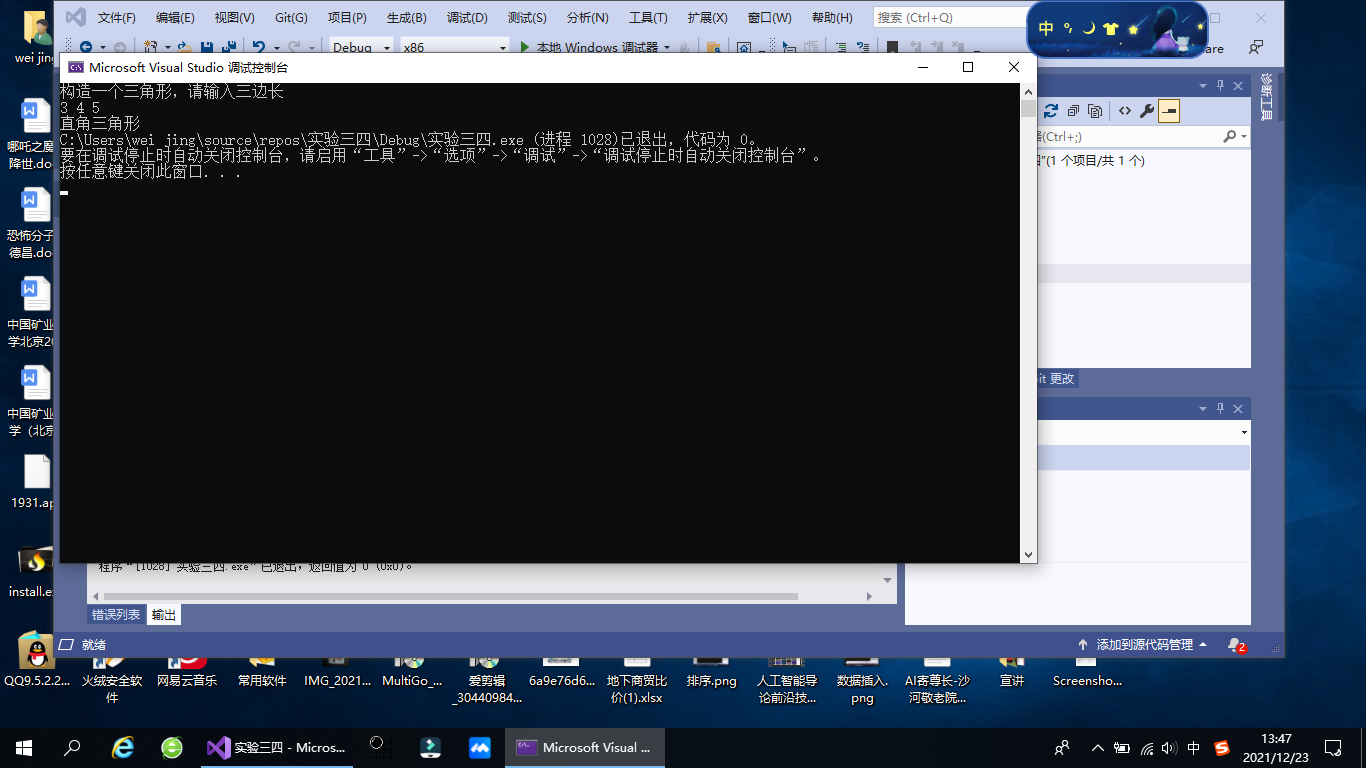
Triangle A;

A.set(a, b, c);

A.deal(a, b, c);

}

运行结果图：



实验四：

#include<iostream>

using namespace std;

class Employee {

private:int id,money,byear,bmonth;

string name;

public:void set(int, const char\*, int, int, int);

void pmoney(int eyear, int emonth) {

int m = eyear - byear;

int n = emonth - bmonth;

int hollmoney = money \* (m \* 12 + n);

cout << name << " " << hollmoney << endl;

}

};

void Employee::set(int a, const char\* b, int c, int d, int e) {

id = a;

name = b;

money = c;

byear = d;

bmonth = e;

}

void main() {

Employee e[5];

e[0].set(1, "wang", 5000, 2000, 10);

e[1].set(2, "liu", 4500, 2008, 1);

e[2].set(3, "huo", 3800, 2003, 7);

e[3].set(4, "ma", 5300, 2015, 4);

e[4].set(5, "meng", 6000, 2021, 10);

cout << "输入你要查询工号"<<endl;

int i;

cin >> i;

cout << "输入当前年份，当前月份" << endl;

int a, b;

cin >> a >> b;

e[i-1].pmoney(a,b);

}

运行结果图：

