第七次上机实验报告

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**程序代码**

#include<iostream>

using namespace std;

class Complex {

double real;

double imag;

public:

Complex(double r = 0.0, double i = 0.0);

void print();

Complex operator+(Complex c);

};

Complex::Complex(double r, double i)

{

real = r; imag = i;

}

Complex Complex::operator+(Complex c)

{

Complex temp;

temp.real = real\*c.real-imag\*c.imag;

temp.imag = real\*c.imag+c.real\*imag;

return temp;

}

void Complex::print()

{

cout << "total real=" << real << " " << " total imag=" << imag << endl;

}

int main()

{

double x1, x2, y1, y2;

cin >> x1 >> y1 >> x2 >> y2;

Complex com1(x1, y1), com2(x2, y2), total1;

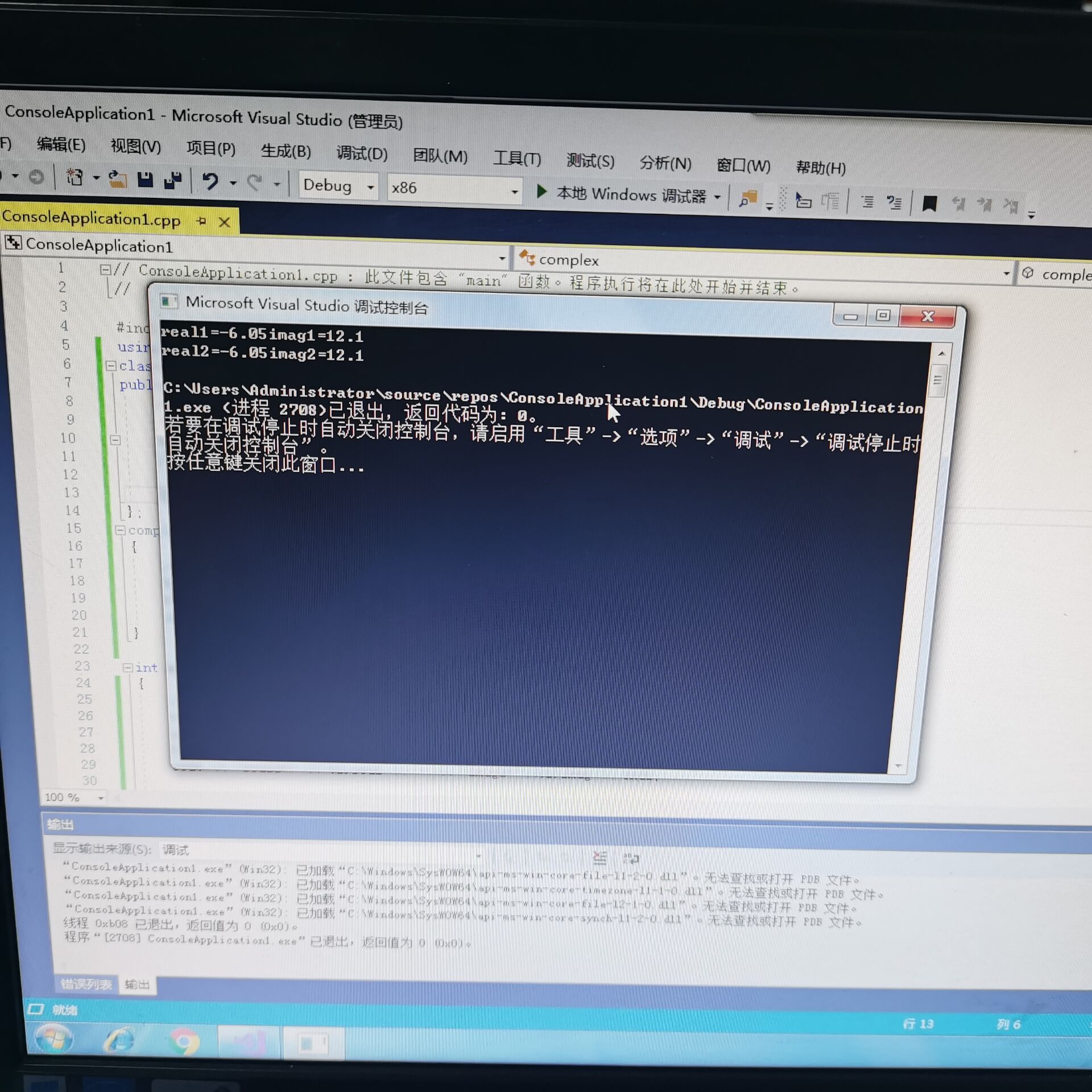
total1 = com1 + com2;

total1.print();

return 0;

}

程序结果



**四、实验心得**

这次编程比较顺利，慢慢掌握了C++的使用，但在程序上还有很多疑问，例如构造函数的参数问题，今后我会更加努力学习C++，解决这些问题。

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