第五章课后题感想

编写一个程序，实现两个复数的乘法：

#include<iostream>

using namespace std;

class Complex

{

public:

double real;

double imag;

Complex(double r =0,double i=0)

{

real=r; imag=i;

}

};

Complex operator\*(Complex co1,Complex co2)

{

Complex temp;

temp.real = co1.real \* co2.real- co1.imag \*co2.imag;

temp.imag = co1.real \*co2.imag + co2.real \*co1.imag;

return temp;

}

int main()

{

Complex com1(1.1,2.2),com2(3.3,4.4),total1,total2;

total1 = operator\*(com1,com2);

cout<<"real1="<<total1.real<<" "<<"imag1="<<total1.imag<<endl;

total2 = com1 \*com2;

cout<<"real2="<<total2.real<<" "<<"imag2="<<total2.imag<<endl;

return 0;

}