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#include<iostream>
using namespace std;

// Class for complex numbers
class Complex {
public:
    int real,img;
    void add_complex() {
        cout<<"Enter real part :";
        cin>>real;
        cout<<"Enter imaginary part : ";
        cin>>img;
    }
};

class addComplex : public Complex {
public:
    void add_complex(Complex c1, Complex c2) {
        real=c1.real+c2.real;
        img=c1.img+c2.img;
        cout<<"Sum = "<<real<<"+ "<<img<<"i"<<endl;
    }
};

int main() {
    Complex c1,c2;
    c1.add_complex();
    c2.add_complex();
    addComplex sum;
    sum.add_complex(c1,c2);
    return 0;
}
```