**Program to add 2 complex number in class by passing objects as function arguments.**

#include<iostream.h>

using namespace std;

Class Complex

{

private:

float real,img;

public:

void getReal ()

{

cin>>real; }

void getImg()

{

cin>>img; }

void display ()

{

cout <<real <<”+”<<img <<”i”;

}

void sum(Complex C1,Complex C2)

{

real=C1.real+C2.real;

img=C1.img+C2.img;

}

};

int main ()

{

Complex C1,C2,C3;

cout <<”Enter real part of Ist complex no.”;

C1.getReal ();

cout<<”Enter imaginary part of Ist complex no.”;

C1.getImg ();

cout <<”Enter real part of 2nd complex no.”;

C2.getReal ();

cout <<”Enter imaginary part of 2nd complex no.”;

C2.getImg ();

C3.sum (C1,C2);

cout <<”Sum of 2 complex no. Is”;

C3.display ();

return 0;

}