#include <iostream>

using namespace std;

#include<"jjbvbh.h">

int main()

{

Complex number=Z1(5,6);

Complex number=Z2(Z1);

Complex number=Z3;

Z3=Z1+Z2;

cout<<"The sum of two numbers is"<<endl;

Z3.display();

system("pause");

}

#include<iostream>

using namespace std;

class Complex number

{

public:

Complex number(float real,float imaginary)

{

this->Real part= real;

this->Imaginary Part=imaginary;

}

Complex number(Complex number &Z1)

{

this->Real part=Z1.real;

this->Imaginary Part=Z1.imaginary;

}

Complex number()

{

this->Real part= 2;

this->Imaginary Part=5;

}

float getReal part()

{

return this->Real part;

}

float getImaginary Part()

{

return this->Imaginary Part;

}

void setReal part(float real)

{

cout<<"Enter the value that you want to modify"<<endl;

cin>>real;

this->Real part=real;

}

void setReal part(float img)

{

cout<<"Enter the value that you want to modify"<<endl;

cin>>img;

this->Imaginary part=img;

}

Complex number operator+(Complex number z2)

{

Complex number Z3;

Z3.real part=this->real part+Z2.real part;

Z3.Imaginary Part=this->Imaginary Part+Z2.Imaginary Part;

return Z3;

}

void display()

{

cout<<"This is the real Part";

cout<<"Real part ";

cout<<"This is the imaginary Part";

cout<<"Imaginary Part";

}

private:

Real part;

Imaginary Part;

};