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**Roll No:12**

**Batch:S2 RMCA-B**

**Date:06/04/2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 3**

**Aim**

Add complex numbers

**Procedure**

import java.util.Scanner;

class complex1{

int r,b;

void display(){

System.out.println("Sum of the complex number is "+r+"+"+b+"i");

}

}

public class addComplex {

public static void main(String[] args) {

complex1 c1=new complex1();

complex1 c2=new complex1();

complex1 c3=new complex1();

Scanner s=new Scanner(System.in);

System.out.println("Enter the real and imaginary parts of first complex number:\nreal:");

c1.r=s.nextInt();

System.out.println("imaginary:");

c1.b=s.nextInt();

System.out.println("Enter the real and imaginary parts of second complex number:\nreal:");

c2.r=s.nextInt();

System.out.println("imaginary:");

c2.b=s.nextInt();

c3.r=c1.r+c2.r;

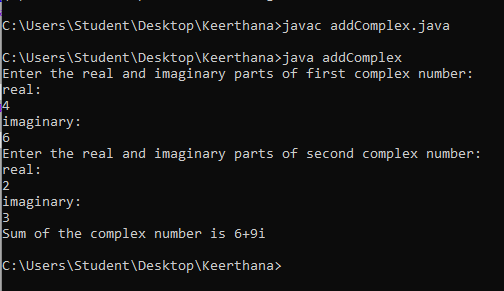
c3.b=c1.b+c2.b;

c3.display();

}

}

**Output Screenshot**

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