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**Roll No:3**

**Batch:S2 RMCA**

**Date:06\04\2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 3**

**Aim**

   Add complex numbers.

**Source code:**

import java.util.Scanner;

class complex{

    int r,b;

    void display(){

        System.out.println("Complex Number is "+r+"+"+b+"i");

    }

}

public class addComplex {

    public static void main(String[] args) {

        complex c1=new complex();

        complex c2=new complex();

        complex c3=new complex();

        Scanner s=new Scanner(System.in);

        System.out.println("Enter the real and imaginary parts of complex number 1");

        c1.r=s.nextInt();

        c1.b=s.nextInt();

        System.out.println("Enter the real and imaginary parts of complex number 2");

        c2.r=s.nextInt();

        c2.b=s.nextInt();

        c3.r=c1.r+c2.r;

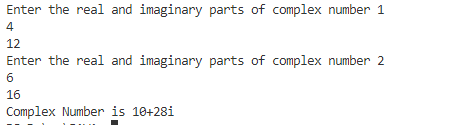
        c3.b=c1.b+c2.b;

        c3.display();

    }

}

**Output Screenshot:**

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