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**Roll No:56**

**Batch:MCA-B**

**Date:31-05-2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 2**

**Aim**

Add complex numbers

**Procedure**

import java.util.Scanner;

class CO13 {

int real, img;

CO13() {

Scanner sc = new Scanner(System.in);

System.out.println("\nEnter the real part:\n");

real = sc.nextInt();

System.out.println("\nEnter the imaginary part:\n");

img = sc.nextInt();

}

public static void main(String b[]) {

Scanner sc = new Scanner(System.in);

CO13 a1 = new CO13(), a2 = new CO13();

int sum = a1.real + a2.real;

int sumi = a1.img + a1.img;

System.out.println("\nThe sum of complex numbers " + a1.real + "+" + a1.img + "i and" + a2.real + "+" + a2.img

+ "i:" + sum + "+" + sumi + "i\n");

}

}

**Output Screenshot**

