**Experiment: 1**

**Aim:** Write a java program for Constructor overloading

**Software:** VS Code

**Code:-**

import java.util.\*;

class Class

{

    String Name;

    long Roll\_No ;

    int GR\_No;

    Class()

    {

    }

    Class(String Name, long Roll\_No,int GR\_No)

    {

        this.Name = Name;

        this.Roll\_No = Roll\_No ;

        this.GR\_No = GR\_No ;

        System.out.println("Parameterized Constructor:-");

        System.out.println("Student Details:-\n" + "Name:- " + this.Name + "\nRoll- No:- "+this.Roll\_No + "\nSalary:- " + this.GR\_No);

    }

    Class(Class c1)

    {

        System.out.println("Copy Constructor:-");

        System.out.println("Student Details:-\n" + "Name:- " + c1.Name + "\nRoll- No:- "+c1.Roll\_No + "\nSalary:- " + c1.GR\_No);

    }

}

public class Programm\_5

{

    public static void main(String args[])

    {

        Scanner sc  =  new Scanner (System.in) ;

        Class c1 = new Class() ;

        System.out.print("Enter Your Name:-");

        c1.Name = sc.nextLine() ;

        System.out.print("Enter Your Roll-No:-");

        c1.Roll\_No = sc.nextLong();

        System.out.print("Enter Your GR No:-");

        c1.GR\_No = sc.nextInt();

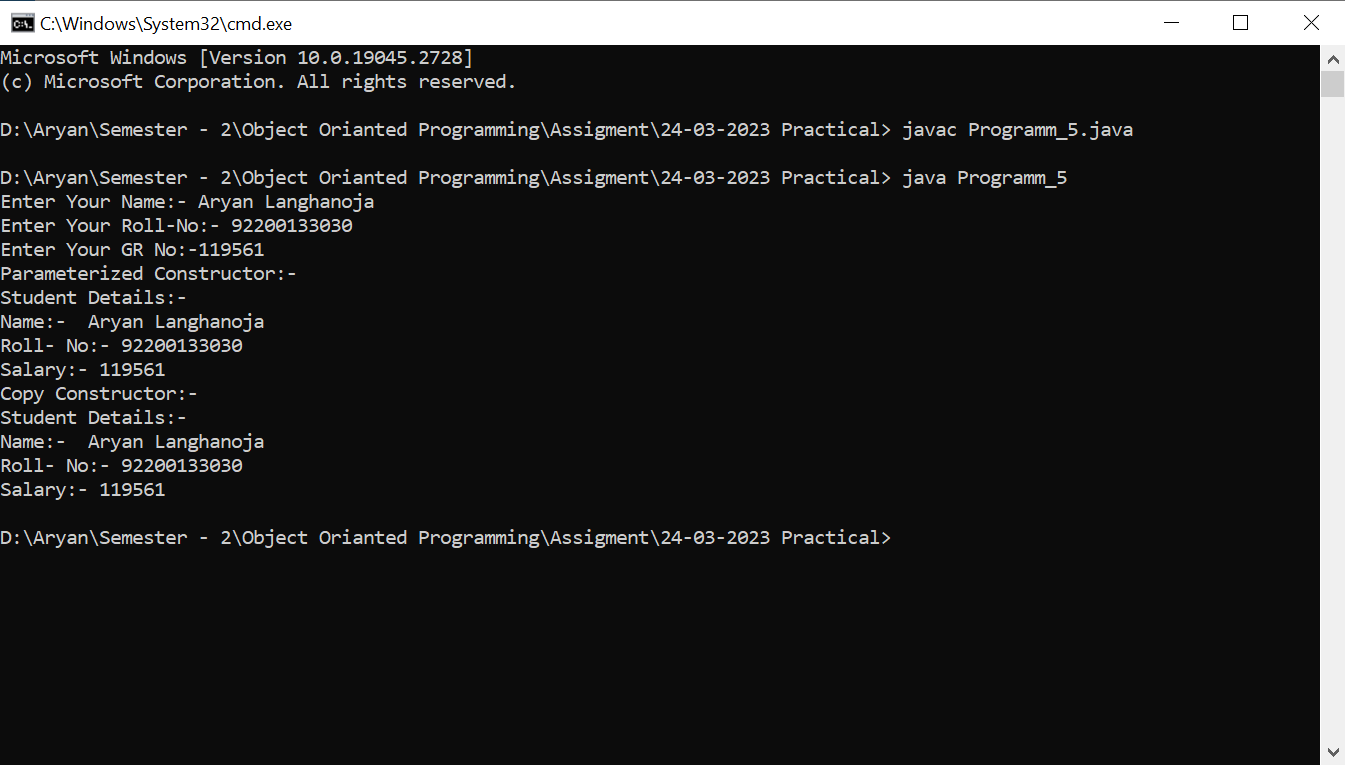
        Class c2 = new Class(c1.Name,c1.Roll\_No,c1.GR\_No) ;

        Class c3 = new Class(c2);

    }

}

**Output:-**

****