Name :- Aryan Mahida

Enrollment No. :- 92200133011

Q5 : - Write a java program for Constructor overloading

import java.util.Scanner;

class overload{

    int num1,num2,num3,num4;

    overload(){

        System.out.println("Default Constructer by o1");

    }

    overload(int num1,int num2){

        System.out.println("by o2:-  "+(num1+num2));

    }

    overload(int num1,int num2,int num3){

        System.out.println("by o3:-  "+(num1+num2+num3));

    }

    overload(int num1,int num2,int num3,int num4){

        System.out.println("by o4:-  "+(num1+num2+num3+num4));

    }

}

public class constrcter\_overloading {

    public static void main(String[] args) {

        int num1,num2,num3,num4;

        Scanner sc= new Scanner(System.in);

        System.out.println("Enter 4 numbers");

        num1=sc.nextInt();

        num2=sc.nextInt();

        num3=sc.nextInt();

        num4=sc.nextInt();

        overload  o1=new overload();

        overload  o2=new overload(num1 ,num2);

        overload o3 = new overload(num1 ,num2,num3);

        overload o4 = new overload (num1 ,num2,num3,num4);}}

Output: -

