**Experiment No. 4**

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Subject : FJP

Roll No. : 1

import java.util.Scanner;

public class Experiment4 {

   public static void main(String args[]){

        Scanner sc =new Scanner(System.in);

        System.out.print("enter a =");

        double a=sc.nextDouble();

        System.out.print("enter b =");

        double b=sc.nextDouble();

        // constructor overloading

        System.out.print("constructor overloaded answer =");

        Overloading o=new Overloading(a,b);

        // method overloading

        System.out.print("method overloaded answer ="+ Overloading.substract(a, b));

        sc.close();

   }

}

 class Overloading {

    Overloading(int a,int b){

        System.out.println("substract is is ="+ (a-b));

    }

     Overloading(double a,double b){

        System.out.println("substract is is ="+ (a-b));

    }

    public static int  substract(int a,int b){

        return a-b;

    }

    public static double substract(double a,double b){

        return a-b;

    }

}

Output :

enter a =23

enter b =28

constructor overloaded answer =substract is is =-5.0

method overloaded answer =-5.0