package Assignment;

import java.util.Scanner;

class Calculation2 //Parent Class

{

public void show()

{

System.out.println("Calculations..");

}

}

class Addition2 extends Calculation2 //Child Class inherits parent class

{

public void addition(int a,int b)

{

int x=a+b;

System.out.println("Addition = "+x); }

}

class Substraction1 extends Calculation2 //Child Class inherits parent class

{

public void sub(int a,int b)

{

int x=a-b;

System.out.println("Substraction = "+x); }

}

public class Q1\_HeirarchyInh {

public static void main(String[] args) {

int a,b,n;

System.out.println("enter 2 integer");

Scanner sc=new Scanner(System.in);

a=sc.nextInt();

b=sc.nextInt();

Substraction1 s=new Substraction1();

s.show();

//s.addition(a, b); //error because GrandChild class does not inherit Child Class

s.sub(a, b);

Addition2 ad=new Addition2();

ad.show();

ad.addition(a, b);

}

}