

```

import java.util.Scanner;

abstract class shape{
    double value1;
    double value2;

    void input_Data(){
        Scanner s =new Scanner (System.in);
        System.out.println(" Enter the value for value 1:");
        value1=s.nextInt();
        System.out.println(" Enter the value for value 2:");
        value2=s.nextInt();

    }
    abstract void compute_Area();

}

class triangle extends shape{

    void compute_Area(){

        System.out.println("Area of triangle :"+(0.5*value1*value2));
    }

}

class rectangle extends shape{

    void compute_Area(){

        System.out.println("Area of rectangle :"+(value1*value2));
    }

}

public class dyanamic_Binding1 {
    public static void main (String []args){
        Scanner s =new Scanner (System.in);
        shape r=new rectangle();
        r.input_Data();
        r.compute_Area();

        shape t=new triangle();
        t.input_Data();
        t.compute_Area();

    }
}

```