Hierarchical.java

//Hierachical Inheritance

import java.util.\*;

abstract class A{

abstract void area(double a1,double a2);

}

class Rect extends A{

void area(double a1,double a2){

System.out.println("Area of Rectangle : "+(a1\*a2));

}

}

class Triangle extends A{

void area(double a1,double a2){

System.out.println("Area of Triangle : "+(0.5\*a1\*a2));

}

}

public class Hierarchical {

public static void main(String args[]){

A a = new Rect();

a.area(4.0,6.0);

a = new Triangle();

a.area(3.5,6.0);

}

}

OUTPUT:

