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,		Edition was many all alliant to milities
-~i		double dim !
-h		- 1 1-dom 12 1
—,v.		Shape (double a, double b) de l'
—,x1		1
,		dem1 = a;
	· ("brogg th	demia = bi i tant la
٠,٠		(K K / 1 1 3 2 / 2
		abstract double areal)
		e darke tue mini,
	4 (\$ 75 9	class bertangte textendy shape to milion
		tredangle (double a double b) &
	Smrt 1	to hanse han for
		super (ai b) is to
	,,	
	<u>v</u>	double asea ()
-	<u>.</u>	system, out, print) n (" inside area op rectangli)
	<u> </u>	return dem 1 * diena;
	4	to pas logis vienus
	-11-	I die state of the
-	(-	clar triangle extends shapers
		triangle (* double a double by)
		4 Ulizable of 19.0000 15 Th
		Super-(a,b); P: etton ist
		Spours in substant but the
		William Control of the Control of th
	•	Soannod with ComSoannor

System.out.println ("area of triangle" + sharef. area ();

System.out.println ("area of arcle" + sharef. area ();

System.out.println ("area of arcle" + sharef. area (); Sharep =+ 3 Output 5inside area of rectangle area of rectangle 45.0 inside also of triangle asso, o inside area of cercle area of Grele 50.24.

```
triangle extends shape
                                                                                                                                                                      $javac abstractareas.java
                                                                                                                                                                     $java -Xmx128M -Xms16M abstractareas
       triangle(double a, double b)
                                                                                                                                                                     inside area of rectangle
              super(a,b);
                                                                                                                                                                    area of rectangle45.0 inside area of triangle
                                                                                                                                                                   area of triangle30.0
            ble area()
                                                                                                                                                                  inside area of circle area of circle50.24
              System.out.println("inside area of triangle");
return (dim1*dim2)/(2);
class circle extends shape
{
       circle(double a, double b)
             super(a,b);
            ble area()
             System.out.println("inside area of circle");
return 3:14 dim1 dim2;
      blic class abstractareas
         ablic static void main(String args[])
            rectangle r=new rectangle(9,5);
triangle t=new triangle(10,6);
circle c=new circle(4,4);
shape sharef;
sharef=r;
System.out.println("area of rectangle" +sharef.area());
sharef=c;
System.out.println("area of triangle"+sharef.area());
sharef=c;
System.out.println("area of circle"+sharef.area());
```