```
alistract class Shape {
     int d1, d2;
  Shipe (int a intb) {
    alistrait void printAxca ();
class Circle extends shape ?
     Circle (intradius) {
       super (radion, 0)
    @ orreride
    void print Area () {
     System. out. print (" area ( wich) = " + (Math. PI * radiu* radiu)).
```

	Date: /	/
class Rectargle extends Shape {		
Rectangle (int l int b) { Super (l, b);		
Supr (1, b):		
}		
@ Override		
noid print Area () {		
System. out. print ("Area (restangle) = "+ (d1*d2)):		
}		
}		
1 T 1 1 21 1 (
class Triangle extents Shape {		
To: 1 (-11)		
Triangle (int A, intb) {		
Super (h.b).		
@ grunide		
void frint Area() {		
System. out. print ("Area (triangle): "+ (0.5 * d1 * d2)	1	
});	
}		

	public static void main (String [] angs) {	
	Shape rectangle = new Rectangle (1,2); Shape circle = new Circle (1). Shape triangle = new Triangle (2,1);	
	Sectorgle. Mint Area (): wich print Area (). triongle. Mint Area ():	
0.10	}	
0/ / 2	Area (rectangle) = 2 Area (liele) = 3.141593 Area (triangle) = 1	
	2 Dul	
	of John M.	
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