

```
public static void main (String... args) {  
    Circle circle1 = new Shape(19);  
    Circle circle1 = new Circle(19);  
    Shape circle2 = new Circle(3);  
    Rectangle rect1 = new Triangle(1,4,1);  
    Triangle tri1 = new Triangle(1,4,1);  
    Polygon rect2 = new Rectangle(8,5,8,5);  
    Rectangle rec3 = new Shape(6,6,6,6);  
    Rectangle rec3 = new Rectangle(6,6,6,6);  
    Polygon tri1 = new Triangle(2,2,2);  
    Triangle tri2 = new Triangle(4,4,6);  
    Shape tri3 = new Triangle(2,2,2);  
    circle1 = circle2;  
    circle1 = (Circle)circle2;  
    rect2 = rect3;  
    tri1 = tri3;  
    tri1 = (Polygon)tri3;  
    cricle2 = tri3;  
    Not of a kind and syntax error  
    tri3 = tri2;  
    rect3 = new Shape(2,3,2);  
    rec3 = new Rectangle(2,3,2,3)  
    System.out.println(rect3.toString());  
    System.out.println(rec3.toString());  
}
```