

```
1 package chapter07.Exercise;
2
3 public class Triangle extends Shape {
4     //필드
5     private double side;
6
7     //생성자
8     public Triangle(double side) {
9         this.side = side;
10    }
11
12    //메소드
13    @Override
14    public double area() {
15        return Math.sqrt(3) * side * side / 4;
16    }
17
18    @Override
19    public double perimeter() {
20        return side * 3;
21    }
22
23    public String toString() {
24        return String.format("도형의 모양 : 삼각형, 둘레:" + perimeter() + ",
    넓이: " + area() );
25    }
26
27
28 }
29
```