

```
1 package Exercise4;
2
3 public class Triangle extends Shape {
4     private double side;
5
6     public Triangle(double side) {
7         this.side = side;
8     }
9
10    @Override
11    public double area() {
12        return (Math.sqrt(3)/2)*side;
13    }
14
15    @Override
16    public double perimeter() {
17        return side * 3;
18    }
19
20    public String toString() {
21        return String.format("도형의 종류 : 삼각형, 둘레 : %.1fcm, 넓이 :
22        %.16fcm^2", perimeter(), area());
23    }
24 }
```