

```

class Circle extends Shape {
    private double radius;

    public Circle(double radius) {
        this.radius = radius;
    }

    @Override
    public double area() {
        return radius * radius * Math.PI;
    }

    @Override
    public double perimeter() {
        return 2 * radius * Math.PI;
    }

    @Override
    public String toString() {
        return "도형의 종류: 원, 둘레: " + perimeter() + "cm, 넓
이: " + area() + "cm²";
    }
}

```