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Advanced\_Backend

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Evgen959 newLes22

7 minutes ago



25 lines (23 loc) · 603 Bytes

Code

Blame

Raw



```
1  public class Circle extends Shape {
2      private double radius;
3      private double area;
4      private boolean isCalculated = false;
5
6      public Circle(double radius) {
7          this.radius = radius;
8      }
9
10     @Override
11     public double calcArea() {
12         // return radius * radius * Math.PI;
13         if (!isCalculated){
14             area = radius * radius * Math.PI;
15             isCalculated = true;
16         }
17         return area;
18     }
19     @Override
20     public String toString() {
21         return "Circle{"
22             + " radius = " + radius + " " + super.toString()
23             + '}';
24     }
25 }
```