

Rectangle.java

```
1 public class Rectangle extends Shape {
2     private double length, width;
3
4     public Rectangle(double length, double width) {
5         super("Rectangle");
6         this.length = length;
7         this.width = width;
8     }
9
10    @Override
11    public double calculateArea() {
12        return length * width;
13    }
14
15    @Override
16    public double calculatePerimeter() {
17        return 2 * (length + width);
18    }
19 }
20
```