

```
1 package Exercise7;
2
3 abstract class Shape implements Comparable<Shape>{
4
5     abstract double area();
6     abstract double perimeter();
7
8     @Override
9     public int compareTo(Shape o) {
10         if (this.area() > o.area()) {
11             return 1;
12         } else if (this.area() < o.area()) {
13             return -1;
14         } else {
15             return 0;
16         }
17     }
18 }
19
```