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Evgen959 newLes22

10 minutes ago



32 lines (30 loc) · 890 Bytes

Code

Blame

Raw



```
1  import java.util.ArrayList;
2  import java.util.List;
3
4  public class ShapeUtil {
5      public static void print(List<Shape> shapes) {
6          for ( Shape shape : shapes){
7              System.out.println(shape);
8          }
9      }
10     public static Shape getLargestShape(List<Shape> shapes){
11         if (shapes==null || shapes.isEmpty()){
12             return null;
13         }
14         Shape largestShape = shapes.get(0);
15         for (Shape shape: shapes){
16             if(shape.calcArea()>largestShape.calcArea()){
17                 largestShape=shape;
18             }
19         }
20         return largestShape;
21     }
22
23     public static List<Shape> getShapesLargeThat(List<Shape> shapes, double area){
24         List<Shape> result = new ArrayList<>();
25         for (Shape shape:shapes){
26             if(shape.calcArea()>area){
27                 result.add(shape);
28             }
29         }
30         return result;
31     }
32 }
```