Ricky Jian Homework 11 Question 3

<<interface>>
Comparable<Circle>

+ compareTo(o: Circle): int

GeometricObject

color: Stringfilled: boolean

- dateCreated: java.util.Date

GeometricObject()

GeometricObject(color: String, filled: boolean)

+ getColor(): String

+ setColor(color: String): void

+ isFilled(): boolean

+ setFilled(filled: boolean): void

+ getDateCreated(): java.util.Date

+ toString(): String
+ getArea(): double

+ getPerimeter(): double

Circle

- radius: double

+ Circle()

+ Circle(radius: double)

+ Circle(radius: double, color: String, filled: boolean)

+ getRadius(): double

+ setRadius(radius: double): void

+ getDiameter(): double

