[UML Exercise 13.9]

Isaac Warren | February 3, 2024

GeometricObject

- color: String
- filled: boolean
- dateCreated: java.util.Date

GeometricObject()
GeometricObject(color: String, filled: boolean)
+ getColor(): String
+ setColor(color: String)
+ isFilled(): boolean
+ setFilled(filled: boolean)
+ getDateCreated(): java.util.Date
+ toString(): String
+ *getArea(): double*
+ *getPerimeter: double*

<<interface>>
java.lang.Comparable<Circle>

+ *compareTo(obj: Circle): int*

Circle

- radius: double

+ Circle()
+ Circle(radius: double)
+ Circel(radius: double, color: String, filled: boolean)
+ getRadius(): double
+ setRadius(radius: double)
+ getArea(): double
+ geDiameter(): double