GeometricObject

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

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

Square

side: double

#Square()
#Square(side: double)
#Square(side: double, color: String, filled: boolean)
+getSide(): double
+setSide(side: double)
+getArea(): double
+getPerimeter(): double
+howToColor(): String

Colorable

howToColor(): String