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

Octagon

-side: double

+Octagon()

+Octagon(side: double)

+Octagon(side: double, color: String, filled: boolean)

+getArea(): double +getPerimeter(): double

+toString():

+compareTo(octagon: Octagon): int

+clone(): Object