GeometricObject

-color: String

-filled: boolean

-dateCreated: java.util.Date

+GeometricObject()

+getColor(): String

+setColor(color: String): void

+isFilled(): boolean

+setFilled(filled: boolean): void

+getDateCreated(): java.util.Date

+toString(): String

Circle

-radius: double

+Circle()

+Circle(radius: double)

+getRadius(): double

+setRadius(radius: double): void

+getArea(): double

+getPerimeter(): double

+getDiameter(): double

Rectangle

-width: double

-height: double

+Rectangle()

+Rectangle(width: double, height: double)

+getWidth(): double

+setWidth(width: double): void

+getHeight(): double

+setHeight(height: double): void

+getArea(): double

+getPerimeter(): double