

4/19/17

13.5

Geometric Object

- Color: String
- filled: boolean
- date Created: java.util.Date
- Geometric Object()
- Geometric Object (String color, boolean filled)
- + getColor(): String
- + setColor(String color): String
- + isFilled(): boolean
- + setFilled(boolean filled): void
- + getDateCreated(): java.util.Date
- + toString(): String
- + compareTo (GeometricObject o): int
- + GeometricObject max (GeometricObject o1, o2)
- + sumArea (GeometricObject[] a): double
- + getArea(): double
- + getPerimeter(): double

13.7

Square

- x, y, side: double
- + Square()
- + Square (double x, y, side)
- + getArea(): double
- + getPerimeter(): double
- + toString(): String
- + getX(): double
- + setX(double x): void
- + getY(): double
- + setY(double y): void
- + getSide(): double
- + setSide(double side): void