GeometricObject

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-color: String

-filled: boolean

-dateCreated: java.util.Date

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#GeometricObject()

#GeometricObject(color: String, filled: boolean)

+getColor(): String

+setColor(color: String): void

+isFilled(): boolean

+setFilled(filled: boolean): void

+getDateCreated(): java.util.Date

+toString(): String

+*getArea(): double*

+*getPerimeter(): double*

Triangle

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-side1: double

-side2: double

-side3: double

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+Triangle()

+Triangle(side1: double, side2: double, side3: double)

+Triangle(side1: double, side2: double, side3: double, color: string, filled: boolean

+getSide1(): double

+getSide2(): double

+getSide3(): double

+setSide1(side1: double): void

+setSide2(side2: double): void

+setSide3(side3: double): void

+howToColor(): void

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<<interface>> Colorable