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| --- |
| GeometricObject |
| # color: String  # filled: boolean  # dateCreated: java.util.Date |
| + GeometricObject()  + GeometricObject(color: String, filled: Boolean)  + getColor(): String  + setColor(color: String): void  + isFilled(): boolean  + setFilled(filled: boolean): void  + getDateCreated(): java.util.Date  + toString(): String |

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

|  |
| --- |
| <<interface>>  *Colorable* |
| + *howToColor(): void* |