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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Octagon extends GeometricObject implements Comparable<Octagon>, Cloneable** | | - side : double | | + Octagon()  + Octagon(side : double)  + getPerimeter() : double  + getArea() : double  + getSide() : double  + compareTo(o : Octagon) : int  + clone() : Object |  |  | | --- | | **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  + getArea() : double  + getPerimeter : double |  |  | | --- | | **<<interface>>**  **Java.lang.Comparable<Octagon>** | |  | | + compareTo(o : Octagon) : int |  |  | | --- | | **<<interface>>**  **Java.lang.Cloneable** | |  | | + clone() : Object | |