## Circle GeometricObject - color : String - radius : double - filled : boolean + Circle() + GeometricObject() + Circle(radius: double) + GeometricObject(color : String ,filled boolean) + Circle( radius : double ,filled : boolean,color :String) + getColor() : String + getRadius() : double + isFilled(): boolean + getArea(): double + getDatecreated(): Date + getPerimeter(): double + displayObject(o: Object): void + getDiameter(): double + toString(): String + toString(): String Triangle

## Triangle - side1 : double - side2 : double - side3 : double - SEMIPERIMETER : double + Triangle() + Triangle( side1 : double , side2 : double, side3 : double) + Triangle( side1 : double , side2 : double, side3 : double) + Triangle( side1 : double , side2 : double, side3 : double , color : String , filled : boolean) + getSide1() : double + getSide2() : double + getSide3() : double + getArea() : double + getPerimeter() : double + getDiameter() : double + toString() : String

## - width: double - height: double + Rectangle() + Rectangle(width: double, Height: double) + Rectangle(width: double, Height: double, color: String, filled: boolean) + getWidth(): double + getHeight: double + getArea(): double + getPerimeter(): double + getDiameter(): double + toString(): String

Rectangle