

MyRectangle2D	
-x:	double
-y:	double
-width:	double
-height:	double
MyRectangle2D() MyRectangle2D(x: double, y:double, width:double, height:double) getX(): double getY(): double getWidth(): double getHeight(): double setX(x: double): void setY(y: double) : void setWidth(width:double) : void setHeight(height:double) : void getArea(): double getPerimeter(): double contains(x: double, y: double) : boolean contains(r: MyRectangle2D) : boolean overlaps(r: MyRentangle2D) : boolean	

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



Triangle
-side1: double[= 1.0] -side2: double[= 1.0] -side3: double[= 1.0]
+Triangle() +Triangle(side1:double, side2:double, side3:double) +getSide1(): double +getSide2(): double +getSide3(): double +getArea(): double +getPerimeter(): double +toString(): String

