Triangle
- side1, side2, side3 : double
+ new Triangle (double side1, side2, side3)
+ new Triangle ()
+ get Area () : double
+ get Perimeter () : double
+ to String () : String
+ is Triangle (side1, side2, side3) : boolean
+ get Side1 () : double
+ set Side1 (double side1) : void
+ get Side2 () : double
+ set Side2 (double side2) : void
+ get Side3 () : double
+ set Side3 (double side3) : void
+ is Valid Triangle () : void

Is Valid Triangle Exception
- s1, s2, s3 : double
+ is Illegal Triangle Exception (double s1, s2, s3)
+ get S1() : double
+ get S2 () : double
+ get S3 () : double

Geometric Object
- colored : String
- filled : boolean
- date Created : java.util.Date
+ Geometric Object (String colored, boolean filled)
+ get Color () : String
+ set Color (String color) : void
+ is Filled () : boolean
+ set Filled (boolean filled) : boolean
+ get Date Created () : java.util.Date
+ to String () : String