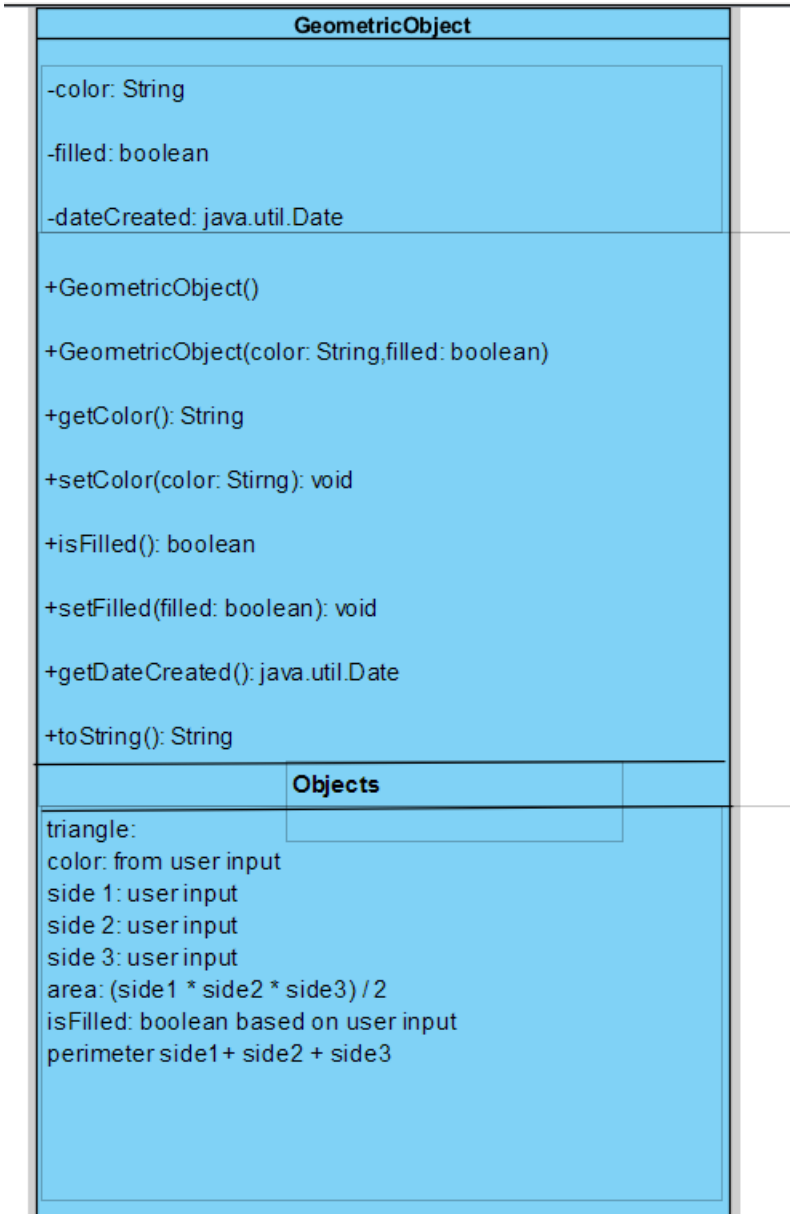
Joseph Weiner
Professor Juan Arias
CMPT220L-112-17S

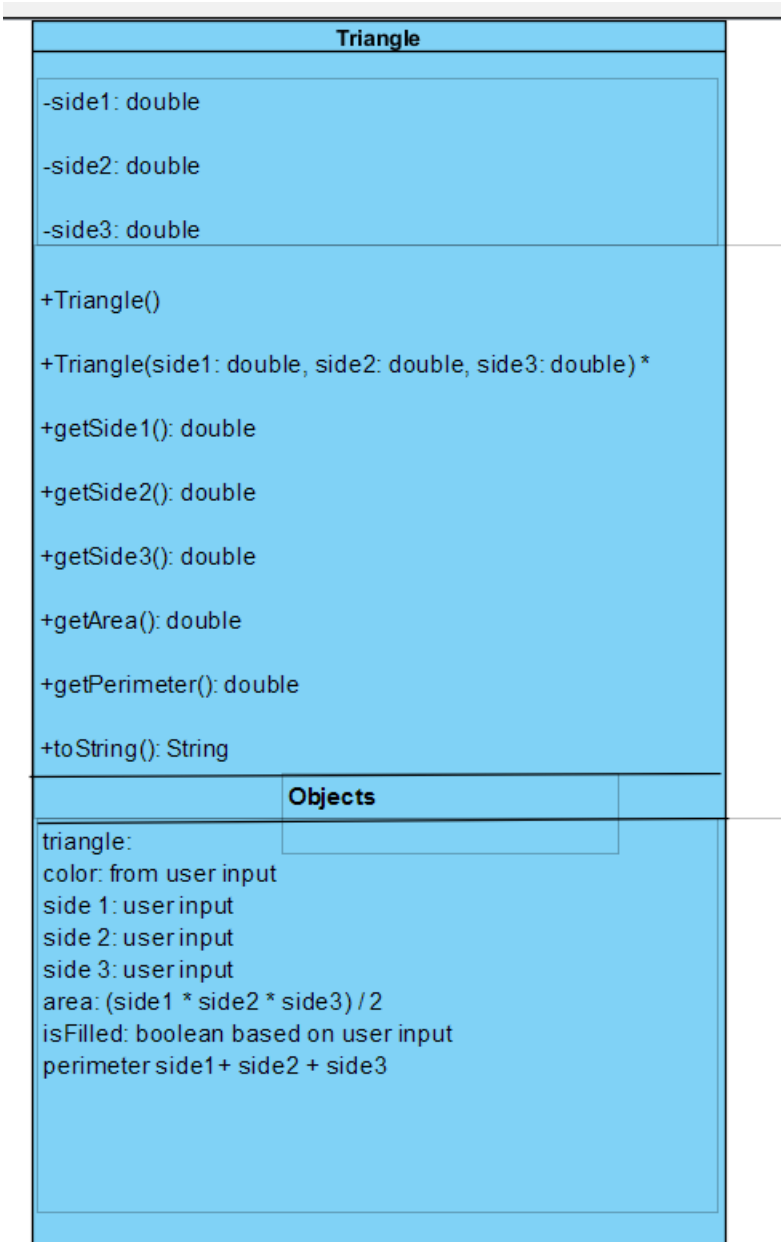
****NOTE: my Visual Paradigm free trial ran out, so I have to type out the UML diagrams until I find a way to get a second trial or find another program that does the same thing.******

CalcWithException
-length of args
+Main()

CalcWithoutException
-result: int
-testDigit: object
+testDigit(String str) +Switch()

IllegalTriangleException
-s1: double -s2: double -s3: double
+IllegalTriangleException(double s1, double s2, double s3) +getS1() +getS2() +getS3()


GeometricObject
-color: String
-filled: boolean
-dateCreated: java.util.Date
+GeometricObject()
+GeometricObject(color: String,filled: boolean)
+getColor(): String
+setColor(color: Stirng): void
+isFilled(): boolean
+setFilled(filled: boolean): void
+getDateCreated(): java.util.Date
+toString(): String
Objects
triangle:
color: from user input
side 1: user input
side 2: user input
side 3: user input
area: (side1 * side2 * side3) / 2
isFilled: boolean based on user input
perimeter side1+ side2 + side3



*****I had these from the old labs It's a repeated class***