

Lab 10 UML Diagrams

Problem 13.1 Triangle Class UML Diagram:

Triangle
-side1: double -side2: double -side3: double
+Triangle() +Triangle(side1: double, side2: double, side3: double) +Triangle(side1: double, side2: double, side3: double, color: string, filled: boolean) +getSide1(): double +getSide2(): double +getSide3(): double +setSide1(side1: double): void +setSide2(side2: double): void +setSide3(side3: double): void

Problem 13.5 GeometricObject Class UML Diagram:

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 +getMax(GeometricObject: o1, GeometricObject: o2): GeometricObject +getArea(): double +getPerimeter(): double