

Exercise 13.1

<i>GeometricObject</i>
-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 +getArea(); double +getPerimeter(); double

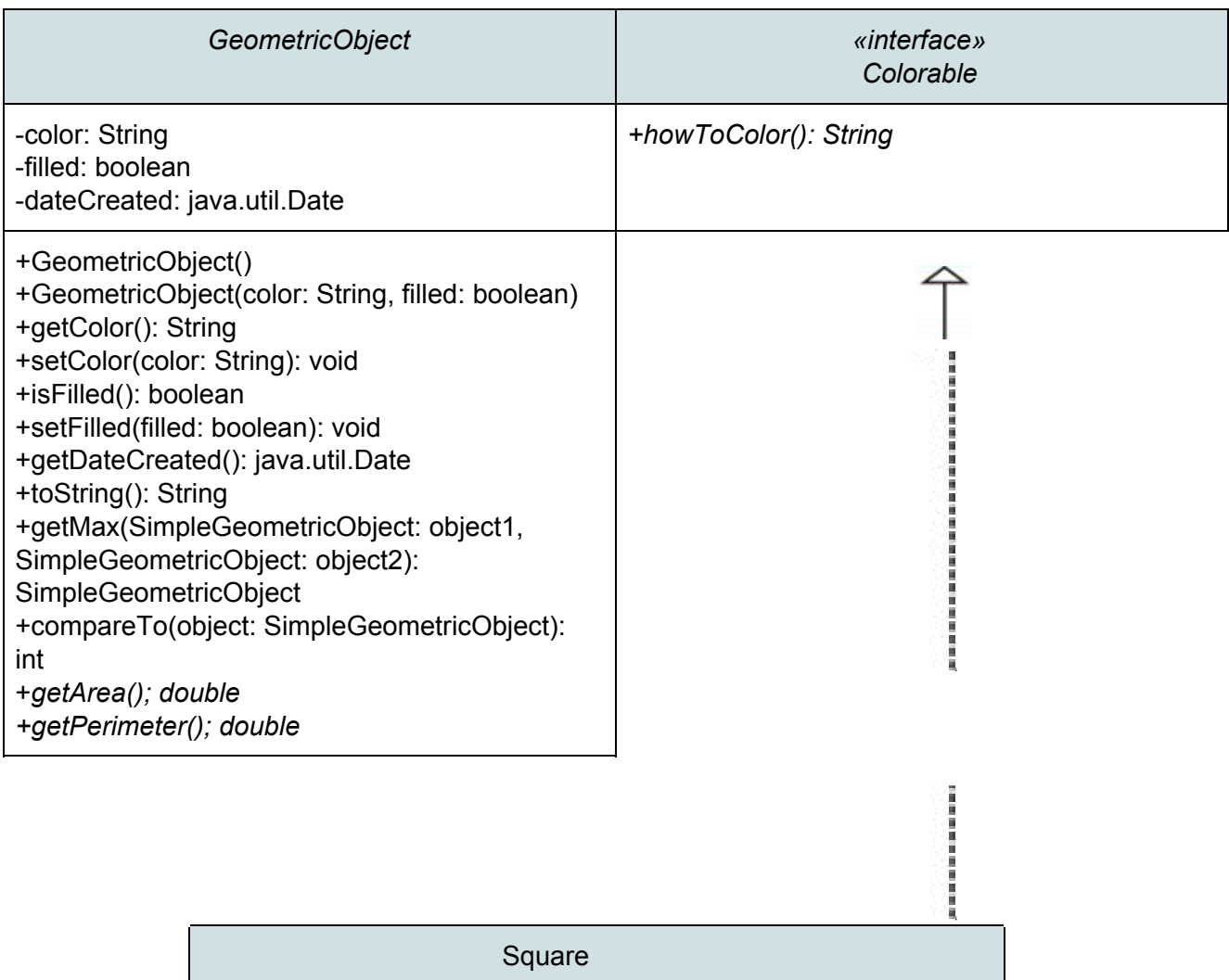


Triangle
-side1: double -side2: double -side3: double
+Triangle() +Triangle(side1: double, side2: double, side3: double) +Triangle(side1: double, side2: double, side3: double, color: String, filled: boolean) +getSide1(): double +setSide1(side1: double): void +getSide2(): double +setSide2(side2: double):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

Exercise 13.5

<i>GeometricObject</i>
-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 +getMax(SimpleGeometricObject: object1, SimpleGeometricObject: object2): SimpleGeometricObject +compareTo(object: SimpleGeometricObject): int +getArea(); double +getPerimeter(); double

Exercise 13.7



-side: double
+Square() +Square(side: double) +Square(side:double, color: String, filled: boolean) +setSide(side: double): boolean +getSide(): double +getArea(): double +getPerimeter(): double +howToColor(): String +toString(): String

Exercise 13.9

<i>SimpleGeometricObjectWithoutComparable</i>	«interface» <i>Comparable</i>
-color: String -filled: boolean -dateCreated: java.util.Date	+equals(object: Object): boolean +compareTo(object: Object): int
+GeometricObject() +GeometricObject(color: String, filled: boolean) +getColor(): String +setColor(color: String): void +isFilled(): boolean +setFilled(filled: boolean): void +getDateCreated(): java.util.Date +toString(): String +getArea(): double +getPerimeter(): double	<div> Date trin </div>



Circle
-radius: double
+Circle() +Circle(radius: double) +Circle(radius: double, color: String, filled: boolean) +getRadius(): double +setRadius(radius: double): void getArea(): double getDiameter(): double +getPerimeter(): double +toString(): String +equals(object: Object): boolean +compareTo(object: Circle2): int

Exercise 13.11

<i>SimpleGeometricObjectWithoutComparable</i>	«interface» <i>Comparable</i>	«interface» <i>Clonable</i>
-color: String -filled: boolean -dateCreated: java.util.Date	+equals(object: Object): boolean +compareTo(object: Object): int	+ clone(): Object
+GeometricObject() +GeometricObject(color: String, filled: boolean) +getColor(): String +setColor(color: String): void +isFilled(): boolean +setFilled(filled: boolean): void +getDateCreated(): java.util.Date +toString(): String +getArea(): double +getPerimeter(): double		

Octagon
-side: double
+Octagon() +Octagon(radius: double) +Octagon(radius: double, color: String, filled: boolean) +getSide(): double +setSide(radius: double): void +getArea(): double +getPerimeter(): double +toString(): String +compareTo(octagon: Octagon): int +clone(): Object

