

Geometric Object: Problem 3

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: Problem 3

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

Illegal Triangle Exception: Problem 3

Illegal Triangle Exception
-side1: double -side2: double -side3: double
+getSide1(): double +getSide2(): double +getSide3(): double

Loan: Problem 6

Loan
-annualInterestRate: double -numberOfYears: int -loanAmount: double -loanDate: java.util.Date
+Loan() +Loan(annualInterestRate: double, numberOfYears: int, loanAmount: double) +getAnnualInterestRate(): double +getNumberOfYears(): int +getLoanAmount(): double +getLoanDate(): java.util.Date +setAnnualInterestRate(annualInterestRate: double): void +setNumberOfYears(numberOfYears: int): void +setLoanAmount(loanAmount: double): void +getMonthlyPayment(): double +getTotalPayment(): double