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
-    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

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(): void + getTotalPayment(): double