

Triangle
-s1: double -s2: double -s3: double
+Triangle() +Triangle(s1: double, s2: double, s3: double) +getS1(): double +setS1(s1: double) +getS2(): double +setS2(s2: double) +getS3(): double +setS3(s3: double) +toString(): String

GeometricObject
-color: String -filled: boolean -dateCreated: Date
+GeometricObject() +GeometricObject(color: String, filled: boolean) +getColor(): String +setColor(color: String) +isFilled(): boolean +setFilled(filled: boolean) +getDateCreated(): Date +toString(): String

Course
-courseName: String -students: ArrayList<String> -numberOfStudents: int
+Course(courseName: String) +addStudent(student: String) +getStudents(): String[] +getNumberOfStudents(): int +getCourseName(): String +dropStudent(student: String) +clear()

Account
-id: int -balance: double -annualInterestRate: double -dateCreated: Date
+Account() +Account(id: int, initBal: double) +getMonthlyInterestRate(): double +getMonthlyInterest(): double +withdraw(amount: double): void +deposit(amount: double): void +getId(): int +setId(id: int): void +getBalance(): double +setBalance(balance: double): void +getAnnualInterestRate(): double +setAnnualInterestRate(annualInterestRate: double): void +getDateCreated(): Date

SavingsAccount
+SavingsAccount(id: int, initBal: double) +withdraw(amount: double) +toString(): String

CheckingAccount
-overdraftLimit: double
+CheckingAccount(id: int, initBal: double) +withdraw(amount: double) +toString(): String