Course

-courseName: String
-students: ArrayList<String>

+Course(courseName: String)
+addStudent(student: String)
+getStudents(): String[ ]
+getNumberOfStudents(): Int
+getCourseName(): String
+dropStudent(student: String)

Account

-id: int
-balance: double
-annualInterestRate: double
-dateCreated: date

Account()
Account(id: int, balance: double)
+setId(id: int)
+setBalance(balance: double)
+setAnnualInterestRate(annualInterestRate: double)
+getId(): int
+getBalance(): double
+getAnnualInterestRate(): double
+getDateCreated(): String
+getMonthlyInterestRate(): double
+getMonthlyInterest(): double
+withdraw(amount: double)
+deposit(amount: double)
+toString(): String

CheckingAccount
-overdraftLimit: double CheckingAccount()
+CheckingAccount(id: int, balance: double, overdraftLimit: double) +setOverdraftLimit(overdraftLimit: double) +getOverdraftLimit(): double +withdraw(amount: double) +toString(): String

SavingsAccount
+SavingsAccount()
+SavingsAccount(id: int, balance: double) +withdraw(amount: double)

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

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