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

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

SavingsAccount

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

CheckingAccount

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

Course

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