Account
-id: int   -balance: double   -annualInterestRate: double   -dateCreated: Date
+Account()   +Account(id:int, balance:double, annualInterestRate:double)   +getID():int   +getBalance():double   +getAnnualInterestRate():double   +dateCreated():Date   +getMonthlyInterestRate():double   +getMonthlyInterest():double   +withdraw(amount:double):double   +deposit(amount:double):double   +toString():String

SavingsAccount
-overdraft:Boolean
+SavingsAccount(int:id,balance:double,annaulInterestRate:double)   +toString():String

CheckingAccount
-overdraft:Boolean   -overdraftLimit:double
+CheckingAccount()   +CheckingAccount(id:int,balance:double,annualInterestRate;double)   +toString();String

Triangle

-side1:double
-side2;double
-side3:double

+Triangle()
+Triangle(side1:double,side2:double,side3:double)
+setSide1(length;double):void
+getSide1():double
+setSide2(length:double):void
+getSide2():double
+setSdie3(length:double):void
+getSide3():double
+getArea():double
+getPerimeter():double
+toString():String

GeometricObject

-color:String
-filled:Boolean
-dateCreated:Date

+GeometricObject()
+GeometricObject(color:String,filled:Boolean)
+getColor():String
+setColor(color:String):void
+isFilled():Boolean
+setFilled(filled:Boolean):void
+getCreadtedDate():Date
+toString():String

Course

-courseName:String
-students:ArrayList<String>

+Course(String courseName)
+addStudent(studentName:String):void
+getStudents():ArrayList <String>
+getNumberOfStudnets():int
+getCourseName():String
+dropStudent(student:String):void
+clear():void