

Lab 8 UML's

Lab8Problem11_1GeometricObject
- color:String - filled:Boolean - dateCreated:java.util.Date
+ Lab8Problem11_1GeometricObject() + Lab8Problem11_1GeometricObject(color,filled) + getColor() + setColor(color):void + isFilled():boolean + setFilled(filled):void + getDateCreated():java.util.Date + toString():String

Lab8Problem11_1Triangle extends GeometricObject
- side1:double - side2:double - side3:double
+ Lab8Problem11_1Triangle() + Lab8Problem11_1Triangle(side1,side2,side3) + getSide1():double + setSide1():void + getSide2():double + setSide2():void + getSide3():double + setSide3():void + getArea():double + getPerimeter():double + toString():String

Lab8Problem11_3Account
id:int # balance:double # annualInterestRate:double # dateCreated:Date
+ Lab8Problem11_3Account() + Lab8Problem11_3Account(id,balance) + getId():int + setId(id):void + getBalance():double + getAnnualInterestRate():double + setAnnualInterestRate(annualInterestRate):void + getDateCreated():String + getMonthlyInterestRate():double + getMonthlyInterest():double + withdraw(amount):void + deposit(amount):void

Lab8Problem11_3CheckingAccount extends Lab8Problem11_3Account
overdraft:double
+ Lab8Problem11_3CheckingAccount(id,balance) + withdraw(double x):void + getChecking():String

Lab8Problem11_3SavingsAccount extends Lab8Problem11_3Account
+ Lab8Problem11_3SavingsAccount(id,balance) + withdraw(double x):void + getSavings():String