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Lab 8 UML Triangle -side1: double -side2: double -side3: double +Triangle() +Triangle(side1: double, side2: double, side3: double) +getSide1():double +setSide1(side1:double):void +getSide2():double +setSide2(side2:double):void +getSide3:double +setSide3(side3:double):void +getArea():double +getPerimeter():double +toString():String GeometricObject -color:String = "white" -filled:boolean -dateCreated:Date +GeometricObject() +GeometricObject(color:String, filled:boolean) +getColor():String +setColor(color:String):void +isFilled():boolean +setFilled(filled:boolean):void +getDateCreated():Date Account Savings -overDraftLimit:double -id:int -balance:double

- -annualInterestRate:double
- -dateCreated:Date

Account()

Account(id:int, balance:double

- +aetId:int
- +setId(int)
- +getBalance():double
- +setBalance():double
- +getAnnualInterestRate():double
- +setAnnualInterestRate(double)
- +getDateCreated():Date
- +getMonthlyInterestRate():double
- +getMonthlyInterest():double
- +withdraw(amount:double)
- +deposit(double)
- +toString():String

- +Savings()
- +Savings(id: int, balance: double)
- +withdraw(double):void
- +getOverdraftLimit():double

Checking

- -overDraftLimit : double
- +Checking()
- +Checking(id: int, balance: double, overDraftLimit: double)
- +getOverdraftLimit():double
- +setOverdraftLimit(overDraftLimit : double):void
- +withdraw(double):void
- +toString():String

Course

-courseName : String -students : ArrayList<String>

+Course(courseName : String) +addStudent(String):void

+getCourseName():String +getStudents():ArrayList<String> +getNumberOfStudents():int

+dropStudent(name:String):void