## Problem 11.1

## GeometricObject Triangle - side1 : double - side2 : double - color : String - side3 : double - isFilled : boolean + main(args : String[]) + Triangle(side1 : double, side2 : double, side3 :double) + getSide1(): double + getColor() : String + getSide2() : double + setColor(c : String) + getSide3(): double + setFill(fill : boolean) + getArea() : double + isFilled(): boolean + getPerimeter() : double + toString(): String Problem 11.3 CheckingsAccount Account overdraft : int = 500+ toString(): String

Account
<ul><li>num : int</li><li>balance : double</li><li>annualInterestRate : double</li><li>dateCreated : Date</li></ul>
+ Account() + Account(id: int, bal,: double, AIRate:

```
+ toString() : String

SavingsAccount

overdraft : int = 0

+ toString() : String
```

## Problem 11.3

## Course - courseName : String - students : ArrayList + Course(courseName : String) + addStudent(student : String) + getStudents() : ArrayList + getNumOfStudents() : int + getCourseName() : String + dropStudent(student : String) + toString() : String + clear()