

## Lab 8 UML

Triangle
side1: double
side2: double
side3: double
+ getSide1(): double
+ getSide2(): double
+ getSide3(): double
+ getArea(): double
+ getPerimeter(): double
+ toString(): String

Checking Account
OVERDRAFT_LIMIT: double
withdraw(double amount): void
+ toString(): String

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

GeometricObject
- color: String
- filled: boolean
- dateCreated: Date
+ getColor(): String
+ setColor(): void
+ isFilled(): boolean
+ setFilled(boolean filled): void
+ getDateCreated(): Date
+ toString(): String

Savings Account
+ toString(): String

Account
- id: int
- <del>Balance</del> : double
- annualInterestRate: double
- dateCreated: date
getId(): int
getBalance(): double
getAIR(): double
getDateCreated(): <del>String</del>
setId(int id): void
setBalance(double bal): void
setAIR(double AIR): void
getMonthlyInterestRate(): double
getMonthlyInterest(): double
withdraw(double amount): void
deposit(double amount): void
+ toString(): String