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Software Development I - Lab 8
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Triangle
-side1 : double -side2: double -side3: double
+ Triangle() + Triangle(double side1, double side2, double side3) + Triangle(double side1, double side2, double side3, String color, boolean filled) + getArea(): double + getPerimeter(): double + toString(): string

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

Account
<ul style="list-style-type: none"> - id : int - balance: double - annualInterestRate: double - dateCreated: date
<ul style="list-style-type: none"> +Account() + Account(int newId, double newBalance) + getId(): int + getId(int newId): void + getBalance(): double + getBalance(double newBalance): void + getAnnualInterestRate(): double + getAnnualInterestRate(double newAnnualInterestRate): void + getDateCreated(): string + getMonthlyInterestRate(): double + getMonthlyInterest(): double + Withdraw(): void + deposit(): void + toString(): string

CheckingAccount
<u>-OVERDRAFT: int</u>
<ul style="list-style-type: none"> +withdraw(int withdraw): void +toString(): string

SavingsAccount
+withdraw(double withdraw): void +toString(): string

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