

Steven Loughran

1. Triangle Class (11.1)

Geometric Objects
color: String filled: Boolean
GeometricObject() getColor (): String setColor (color: String): void isFilled (): boolean setFilled (filled: Boolean): void toString (): String

Triangle
side1: double side2: double side3: double
Triangle() Triangle(side1: double,side2: double,side3: double) getSide1(): double getSide2(): double getSide3(): double setSide1(side1: double): void setSide2(side2: double): void setSide3(side3: double): void getArea():double getPerimeter(): double toString (): String

2. Account Class (11.3)

Account
ID: int Balance: double annualInterestRate: double
Account() setID(int ID) int getID() setBalance(double balance) double getBalance() setAnnualInterestRate(double InterestRate) double getAnnualInterestRate() date getDateCreated() double getMonthlyInterestRate() void withdraw(double amount) void deposit(double amount) String toString()

Checking Account
CheckingAccount() CheckingAccount(int id, double balance, double annualInterestRate) withdraw(double amount) String toString()

Savings Account
SavingsAccount() SavingsAccount(int id, double balance, double annualInterestRate) String toString()

3. Course Class

Course Class
courseName: String students: ArrayList<String>
Course(String) addStudent(String): void getNumberOfStudents(): int getStudents(): String[]