

UML Class Diagram for Rectangle

Rectangle	
width: double height: double	
+Rectangle() +Rectangle(double width, double height) +getArea() : double +getPerimeter() : double	
rectangles1: Rectangle	rectangles2: Rectangle
width = 4 height = 40	width = 3.5 height = 35.9

UML Class Diagram for Account

Account
-id: int -balance: double <u>-annualInterestRate: double</u> -dateCreated: Date
+Account() +Account(specifiedID: double, initialBalance: double) +setId(specifiedId: int) : void +setBalance(initialBalance: double) : void +setAnnualInterestRate(theAnnualInterestRate: double) : void +getId() : int +getBalance() : double +getAnnualInterest() : double +getDate(): String +getMonthlyInterestRate() : double +getMonthlyInterest() : double +withdraw(amount: double) : void +deposit(amount: double) : void

UML Class Diagram for LinearEquation

LinearEquation
-a : double -b: double -c: double -d: double -e: double -f: double
+LinearEquation() +LinearEquation(a: double, b: double, c: double, d: double, e: double, f: double) +getA() : double +getB() : double +getC() : double +getD() : double +getE() : double +getF() : double +isSolvable() : boolean +getX() : double +getY(): double