

Rectangle
-height: double -weight: double
+rectangle(height: 1,width: 1): +rectangle(newHeight: double, newWidth: double): +getArea(): double +getPerimeter(): double

Account
-id: int -balance: double -annualInterstRate: double -dateCreated: Date
+account() +account(newId: int, newBalance: double): +getId(): int +setId(newId: int) +getBalance(): double +setBalance(newBalance: id) +getAnnualInterestRate(): double +setAnnualInterestRate(newAnnualInterestRate: double) +getDateCreated(): Date +getMonthlyInterest(): double +withdraw(amount: double) +deposit(amount: double)

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 +gety(): double +getx(): double