

Rectangle
+width: double
+height: double
+Rectangle()
+Rectangle(double: w, double: h)
+getArea(): double
+getPerimeter(): double

Account
+id: int
+balance: double
+annualInterestRate: double
+dateCreated: Date
+Account()
+Account(newid: int, newbalance: double)
+setID(newid: int)
+setBalance(newbalance: double)
+setInterestRate(newannualInterestRate: double)
+getID(): int
+getBalance(): double
+getInterestRate(): double
+getDateCreated(): String
+getMonthlyInterestRate(): double
+getMonthlyInterest(): double
+withdraw(amount: double)
+deposit(amount: double)

LinearEquation
+a: double
+b: double
+c: double
+d: double
+e: double
+f: double
+LinearEquation(a1: double, b1: double, c1: double, d1: double, e1: double, f1: double, )
+getA(): double
+getB(): double
+getC(): double
+getD(): double
+getE(): double
+getF(): double
+isSolvable(): boolean
+getX(): double
+getY(): double

Location
+row: int
+column: int
+maxValue: double
+Location(double: max, int: row1, int: column1