

9.1 UML Class Diagram

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

9.7 UML Class Diagram

Account
- id: int - balance: double - annualInterestRate: double - dateCreated: Date
+ Account() + Account(id: int, balance: double, annualInterest: double) + getBalance(): double + dateCreated: Date + getMonthlyInterest: double + withdraw(amount: double): double + deposit(amount: double): double

9.11 ULM Class Diagram

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 + LinearEquation() + LinearEquation(a: double, b: double, c: double, d: double, e: double, f: double) + isSolvable(): Boolean + getX(): double + getY(): double

9.13 UML Class Diagram

Location
+ row: int + column: int + max_value: double
+ Location() + Location(row: int, column: int, max_value: double) + setLocation(row: int, column: int) : void + setMax_value(d: double) : void