

## Rectangle

- + width: double
- + height: double
- + Rectangle()
- + Rectangle(newWidth: double, newHeight: double)
- + getArea(): double
- + getPerimeter(): double
- + main(args: String[]): void

## Account

- id: int
- balance: double
- annualInterestRate: double
- dateCreated: Date
- + Account()
- + Account(newID: int, newBalance: double)
- + getID(): int
- + getBalance(): double
- + getAnnualInterestRate(): double
- + setID(newID: int): void
- + setBalance(newBalance: double): void
- + setAnnualInterestRate(newAnnualInterestRate: double): void
- + getDateCreated(): Date
- + getMonthlyInterestRate(): double
- + getMonthlyInterest(): double
- + withdraw(amount: double): void
- + deposit(amount: double): void
- + main(args: String[]): void

## LinearEquation

- a : double
- b : double
- c : double
- d : double
- e : double
- f : double
- + LinearEquation()
- + LinearEquation(new A : double, new B : double, new C : double, new D : double, new E : double, new F : double)
- + getA() : double
- + getB() : double
- + getC() : double
- + getD() : double
- + getE() : double
- + getF() : double
- + isSolvable() : boolean
- + getX() : double
- + getY() : double
- + main(args : String[]): void