

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

| Account |
|---|
| -id: int -balance: double -annualInterestRate: double -dateCreated: Date |
| +Account() +Account(id: int, balance: double) +getId(): int +setId(id: int): void +getBalance(): double +setBalance(balance: double): void +getAnnualInterestRate(): double +setAnnualInterestRate(annualInterestRate: double): void +getDateCreated(): Date +getMonthlyInterestRate(): double +getMonthlyInterest(): double +withdraw(amount: double): void +deposit(amount: double): void |

| LinearEquation |
|--|
| -a: double -b: double -c: double -d: double -e: double -f: 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  
+getX(): double  
+getY(): double
```