

| Rectangle   |
|---|
| width: double<br>height: double   |
| + Rectangle()<br>+ Rectangle(newWidth: double,<br>newHeight: double)<br>+ getArea(): double<br>+ getPerimeter(): double |

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

| LinearEquation  |
|---|
| - a: double<br>- b: double<br>- c: double<br>- d: double<br>- e: double<br>- f: double  |
| + LinearEquation()<br>+ LinearEquation(a: double, b: double, c: double, d: double, e: double, f: double)<br>+ getA(): double<br>+ getB(): double<br>+ getC(): double<br>+ getD(): double<br>+ getE(): double<br>+ getF(): double<br>+ isSolvable(): Boolean<br>+ getX(): double<br>+ getY(): double |