Gregory Jerian

3/31/15

Period 4

*Project 8.1*

|  |
| --- |
| Rectangle |
| -width: double  -height: double |
| +Rectangle()  +Rectangle(newWidth: double, newHeight: double)  +getHeight(): double  +getWidth(): double  +getArea(): double  +getPerimeter(): double  +setWidth(newWidth: double): void  +setHeight(newHeight: double): void |

*Project 8.7*

|  |
| --- |
| 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(amountWithdrawn: double): void  +deposit(amountDeposited: double): void |

*Project 8.11*

|  |
| --- |
| 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 |