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Software Development I - Lab 6
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Rectangle UML Class (9.1)

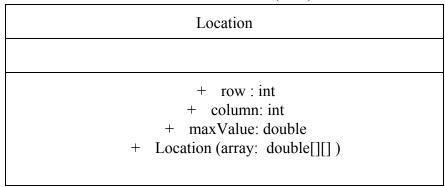| Rectangle |
|---|
| - width : double
- height : double |
| + Rectangle()
+ Rectangle(double newWidth, double newHeight)
+ getWidth(): double
+ getHeight(): double
+ getArea() : double
+ getPerimeter(): double |

Account UML Class (9.7)

Account
- id : int - balance: double - annualInterestRate: double - dateCreated: date
+ Account() + Account(int newId, double newBalance) + getId(): int + getId(int newId): void + getBalance(): double + getBalance(double newBalance): void + getAnnualInterestRate(): double + getAnnualInterestRate(double newAnnualInterestRate): void + getDateCreated(): string + getMonthlyInterestRate(): double + getMonthlyInterest(): double + Withdraw(): void + deposit(): void

Linear Equation UML Class (9.11)

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

Location UML Class (9.13)

Location
+   row : int +   column: int +   maxValue: double +   Location (array: double[][])

TestLocation UML Class (9.13)

TestLocation
Location locateLargest(double[][] a)