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Lab 6

9.1

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

rectangle1: Rectangle
width = 1 height = 1

rectangle2: Rectangle
width = 4 height = 40

rectangle3: Rectangle
width = 3.5 height = 35.9

9.7

Account
- id: int - balance: double - annualInterestRate: double - dateCreated: Date
+ id() + balance() + annualInterestRate() + dateCreated() + getMonthlyInterestRate() + getMonthlyInterest() + withdraw() + deposit()

9.11

LinearEquation	
<ul style="list-style-type: none"><li>- a: double</li><li>- b: double</li><li>- c: double</li><li>- d: double</li><li>- e: double</li><li>- f: double</li></ul>	
<ul style="list-style-type: none"><li>+ LinearEquation(a: double, b: double, c: double, d: double, e: double, f: double)</li><li>+ getA(): double</li><li>+ getB(): double</li><li>+ getC(): double</li><li>+ getD(): double</li><li>+ getE(): double</li><li>+ getF(): double</li><li>+ isSolvable(): boolean</li><li>+ getX(): double</li><li>+ getY(): double</li></ul>	