Juan Casanova

Problem 9.1

Rectangle
Width: double
height: double
Rectangle()
Rectangle(newWidth: double, newHeight: double)
getArea(): double
getPerimeter(): double

rectangle1: Rectangle
width = 4
height = 40

rectangle2: Rectangle
width = 3.5
height = 39.5

Problem 9.7

Account
-id: int -balance: double
-annualInterestRate: double -dateCreated: Date
Account()
Account(ID: int, BALANCE: double) +getID(): int +getBALANCE(): double
+getAnnualInterestRate(annualInterestRate: double) +getDateCreated(): Date +getMonthlyInterestRate(): double
+withdraw(amount: double): void +deposit(amount: double): void

Problem 9.11

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