

GeometricObject

color: string
filled: boolean

+ getColor()
+ setColor()
+ isFilled()
+ setFilled(filled)

Course

+ courseName: String
+ students: ArrayList

+ Course()
+ AddStudent()
+ GetStudents()
+ GetNumberOfStudents()
+ GetCourseName()
+ DropStudent()
+ Clear()

Triangle

-side 1: double
-side2: double
-side: double
-Tcolor: string

+ Triangle()
+ Triangle(side1,side2,side3)
+ getside1()
+ getside2()
+ getside3()
+ setside1()
+setside2()
+setside3()
+getarea()
+getperimeter()

Account

- id: int
- balance: double
+ annualInterest: double

+ Account()
+ setDate()
+ getDate()
+ getId()
+ getBalance()
+ setBalance()
+ deposit (amount)
+ withdraw (amount)
+ setannualinterestrates()
+ getannualitinterestrates()
+getmonthlyinterestrates()