



## Account #Name: string #Id: int #Balance: double #AnnualInterestRate: double #DateCreated: date #Transactions: ArrayList<>> +Account() +Account(id: int, balance: double) +Account(name: String, id: int, balance: double) +getId(): int +setId(id: int) +getBalance(): double +setBalance(balance: double) +getAnnualInterestRate(): double

+toString(): string

+ set Annual Interest Rate (annual Interestrate:

double)

+getDateCreated(): date

+getMonthlyInterestRate(): double

+withdraw(amount: double)

+deposit(amount: double)

+toString(): string

+getTransitions(): ArrayList<>

## Course

-courseName: String

-students: ArrayList<>

+Course(courseName: String)

+addStudent(student: string)

+getStudents(): String[]

+getNumberOfStudents(): int

+getCourseName(): String

+dropStudent(student: String)

+clear()