ACCOUNT
mName : String mId : int mAnnualIntrestRate : double mDatecreated : date mbalance : double mTransactions : Array
ACCOUNT() ACCOUNT(id : int, balance : double) ACCOUNT(name : String, id : int, balance : double) getId() setId(int id) getBalance() setBalance(balance : double) getAnnualInterestRate() setAnnualInterestRate(annualInterestRate : double) getDateCreated() getMonthlyInterestRate() withdraw(amount : double) deposit(amount : double) toString() getTransactions()

CHECKINGACCOUNT
OVERDRAFT_LIMIT : double
CHECKINGACCOUNT(id : int, balance: double) Withdraw(amount : double) ToString()

SAVINGACCOUNT
OVERDRAFT_LIMIT : double
SAVINGSACCOUNT(id : int, balance : double) Withdraw(amount : double) ToString()

TRIANGLE
Side1 : double
Side2 : double
Side3 : double
TRIANGLE(side1 : double, side2 : double, side3 : double)
TRIANGLE()
getArea()
getPerimeter()
toString()
isTRIANGLE(side1 : double,side2 : double ,side3 : double)
getSide1()
setSide1(side1 : double)
getSide2()
setSide2(side2 : double)
getSide3()
setSide3(side3 : double)
isValidTRIANGLE()
setColor(color : String)
setFilled(filled : boolean)
getColor()
isFilled()
IllegalTRIANGLEException(s1 : double, s2 : double ,s3 : double)
getS1()
getS2()
getS3()

COURSE
CourseName : String
Course(courseName : String)
AddStudent(student : String)
getStudents()
getNumberOfstudents()
getCourseName()
dropStudent(student : String)
clear()