Project 1

Gold extends Account

-goldInterestRate: double

-goldInterestAmount: double

-goldFixedCharge: double

+Regular(String, double, Customer)

+getRegularInterestRate(): double

+getRegularFixedCharge(): double

+getRegularInterestAmount(): double

+setRegularInterestRate(double): void

+setRegularFixedCharge(double): void

+makeDeposit(double): boolean

+makeWithdrawal(double): boolean

+toString(): String

Regular extends Account

-regularInterestRate: double

-regularInterestAmount: double

-regularFixedCharge: double

+Regular(String, double, Customer)

+getRegularInterestRate(): double

+getRegularFixedCharge(): double

+getRegularInterestAmount(): double

+setRegularInterestRate(double): void

+setRegularFixedCharge(double): void

+makeDeposit(double): boolean

+makeWithdrawal(double): boolean

+toString(): String

Account (abstract)

-accountNumber(): String

-accountBalance: double

-customer: Customer

+Account(String, double, Customer)

+getAccountNumber(): String

+getAccountBalance(): double

+getCustomer(): Customer

+setAccountNumber(String): void

+setAccountBalance(double): void

+setCustomer(Customer): void

+abstract makeDeposit(double): boolean

+abstract makeWithdrawal(double): boolean

Checking extends Account

-checkingTransactionFee: double

-checkingTransactionFeeAmount: double

-numberOfTransactions: int

+Checking(String, double, Customer)

+getCheckingTransactionFee(): double

+getCheckingTransactionFeeAmount(): double

+getNumberOfTransactions(): int

+setCheckingTransactionFee(double): void

+makeDeposit(double): boolean

+makeWithdrawal(double): boolean

+toString: String

Customer

-customerID: String

-customerName: String

+Customer(String, String)



+getCustomerID(): String

+getCustomerName: String

+setCustomerID(String): void

+setCustomerName(String): void

+toString(): String

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