UML CLASS DIAGRAM

<<Class>> SalesPerson

- salespersonCode: String
- lastName: String - firstName : String
- afm: String key: String
- counter: static int = 0
- doSale(params): void
- displaySales(params): void
- displaySalesPeople(params): void
- lookupSalesPerson(params): return SalesPerson
- + displaySoldLoans(params): void
- + displayTransactionsOfSalesPerson(params): void
- + calculateLoanComission(params): return double
- + analyzedLoanComission(params): void
- + analyzedCreditCardComission(params): void
- + calculateCreditCardComission(params): return double
- + getSalesPersonCode(): return String
- + setSalesPersonCode(): void
- + getAfm(): return String
- + setAfm(): void
- + getKey(): return String
- + getLastName(): return String
- + getFirstName(): return String
- + toString(): void

0...*

- sp: SalesPerson
- bp: BankProduct
- reason: String - key: String
- counter: static int = 0
- getSalesPerson(): return SalesPerson

<<Class>>

Sale

- getSalesPersonCode(): return String
- getBankProduct(): return BankProduct
- getBankProductCode(): return String
- getReason(): return String
- setReason(): void
- getKey(): return String
- + toString(): void

<<Class>> **BankProduct**

- bankProductCode: String
- num: String
- afm: String

<<of a>>

- + displayBankProducts(params): void
- + lookupBankProducts(params): return BankProduct
- + getAfm(): return String
- + setAfm(): return String
- + getNum(): return String
- + setNum(): return String
- + getBankProductCode: return String
- + setBankProductCode(params): void
- + getKey(): return Object
- + getAmount(): return double

<<Class>> **Transaction**

- cc: CreditCard
- cardCode: String
- amount: double

- reason: String - key: String = "T" - counter: static int = 0
- + displayTransactionsList(params): void
- + lookUpTransactions(params): void
- + getCreditCard(): return CreditCard
- + getCardCode(): return String
- + getAmount(): return double
- + setAmount(params): void
- + getReason(): return String
- + setReason(params): void
- + getKey(): return String
- + toString(): void

<<Class>> CreditCard

- COMMISION_RATE: final double = 0.03
- MAX_AMOUNT: final double = 3000
- YEARLY_MAX_AMOUNT: final double = 25000
- total: double
- counter: static int = 0
- key: String = "C"
- + doTransaction(params) : void
- + displayTransactions(params): void
- + displayCreditCards(params) : void
- + lookUpSoldCreditCard(params): return CreditCard
- + getKey(): return String
- + getTotal(): return double
- + getYearlyMaxAmount(): return double
- + getMaxAmount(): return double
- + getCommisionRate(): return double
- + toString(): void



- INTEREST_RATE: final double = 0.015
- amount: double
- counter: static int = 0
- String key = "L"
- + displayLoans(params) : void
- + getInterestRate() : return double
- + setAmount(): void
- + getAmount(): return double
- + getKey(): return String
- + toString(): void