ATM **ATMSystem** - inserted: boolean # messageCode: int # receipt: ArravList<String> - check: boolean - if withdraw: boolean + sc: Scanner - CurrentNotes: LinkedHashMap<Integer, Integer> - card: Card - CurrentCoins: LinkedHashMap<Double,Integer> - sb: StringBuilder - sys : ATMsystem - TransactionNum: int depositTotal: double +CheckCardInfo(Card card): int + getnotesFromDatabase(): HashMap<Integer, Integer> + Withdrawal(ATM atm, Card card, String amount): int + getCoinsFromDatabase(): LinkedHashMap<Double, Integer> + Deposit(ATM atm, Card card, String amount): int + getCurrentNotes(): LinkedHashMap<Integer,Integer> + CheckCardFund(Card card): double + getCurrentcoins(): LinkedHashMap<Double,Integer> + FormCurrentDate(): String + getTotal(): double + CheckCardMessage(Card card): String + PrintDepositMessage(Card card, String amount): String + PrintWithdrawalMessage(Card card, String amount): String + getTotalDeposit(): Double + SuccesfullyCheckCard(): boolean + SuccesfullyWithdrawal(): boolean Card - card num: String - start date: String expired date: String - lost: boolean - blocked: boolean - PIN: String - balance: double

+ PrintReceipt(String type, String amount, double balance): Stringbuilder Card list Database + getCardNum(): String + getStartDate(): String + getExpiredDate(): String + isLost(): boolean + isBlocked(): boolean + getPIN(): String + getBalance(): double + setBalance(double current): void + setBlocked(): void + setLost(): void