Bank

checking: Integer=0
saving: Integer=10000

---

create(pin: Integer, ssn: Integer, type: String)
create(pin: Integer, ssn: Integer, type: String, Balance: real)

Account

accountNum: Integer
pinNum: Integer
ssn: Integer
balance: Real=0
lastDep: Real=0

Account(AccountNum: Integer, PinNum: Integer, SSN: Integer)
Account(AccountNum: Integer, PinNum: Integer, SSN: Integer, Balance: Real)
ValidatePin(): Boolean
DepositFunds()
WithdrawFunds()
QueryBalance()
Transfer(target: Real)
VLDA()

SavingsAccount

balance: Real
interest: Real
period: Integer
delay: Integer

SavingsAccount()
SavingsAccount(initialBalance: Real)
addInterest(balance: Real): Real
schedule(addInterest(balance: Real), delay: Integer, period: Integer)