cBanks loan money to iBanks

iBank requests loan – iBank gives self, loan id, loan balance, loan payment

cBank decides – cBank checks its reserves

cBank makes loan – cBank adds loan to its list. cBank decreases reserves by lance, increases assets by payments \* 60

iBank adds loan to its list. iBank increases reserves by balance, increases liabilities by payments \* 60, increases mortgagePaymentsOutgoing by payment amount

requestLoanCB()

addReserves(balance)

addLiabitilites(totalPayment)

mortgagePaymentsOutgoing

loansFromCB.put()

leaveBank()

makeFullBalancePayment()

loans.remove()

makeFullBalancePayment()

removeReserves()

removeLiabilities()

mortgagePaymentsOutgoing

does not remove the loan to prevent conflict with iterator

makeMonthlyPaymentsAllLoans()

makeLoanPayment()

loans.remove()

makeLoanPayment()

removeReserves()

removeLiabilities()

mortgagePaymentsOutgoing

removeReserves()

removeAssets()

addReserves()

addAssets()

createLoanFirm()

removeReserves(balance)

addAssets(totalPayments)

mortgagePaymentsIncoming

waitingloans with regular balance…

receivePayment()

addReserves()

mortgagePaymentsIncoming

removeAssets()

loansToFirms.remove() //I will do this here and remove “receiveAll” method

cBank will remove loans in receivePayment()

receiveDeadPayment()

like receivePayment with amount 0. Except this does not remove the loan

this method is called by removeSingleLoanToFirm only where the loan is removed later in removeAllLoansToFirms()