Firms

Core Attributes:

Reserves – amount of cash Firm actually holds.

Revenue – normally distributed

Expenses – normally distributed

(Revenue – expenses) is net positive

Shocks – come in the form of random small and large shocks.

loanPaymentTotal – amount of loan payments firm must make each month

loansFromIB – HashMap of loanId’s and loans from iBanks

waitingLoans – HashMap of loanId’s and pending loans from iBanks

If Firms experience a deficit in a month, they must either remove money from their reserves or borrow money from an iBank to cover the deficit. They can only borrow as long as their loanPaymentTotal (monthly) is less than their average profits. Otherwise the Firm goes bankrupt.

Interactions Handled: