CSS 430

Prof: Yang Peng

Assignment 3b

Coder: Nguyen Vi Cao

Assignment 3b Purpose:

This assignment exercises an implementation of Java monitors. While the original Java monitors have only an ability of randomly waking up one or all sleeping threads, the implementation of Java monitor in this assignment allows threads to sleep on and wake up from a different condition specified as an integer. Using this special monitor in SynchQueue.java, you will implement SysLib.wait( ) and SysLib.exit( ) system calls, with which a parent thread can wait for one of its child threads to be terminated.

Below is the screenshot of the execution of Test2

