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CS333 - Fall 2014
Proj 4 - Kernel.h

#####

header Kernel

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----- ThreadManager -----
--
-- There is only one instance of this class, created at startup time.
--
class ThreadManager
  superclass Object
  fields

    -- ##### PART 1: ADDED CODE #####
    threadManagerLock: Mutex
    leadThread: Condition
    aThreadBecameFree: Condition
    -- #####

    threadTable: array [MAX_NUMBER_OF_PROCESSES] of Thread
    freeList: List [Thread]
  methods
    Init ()
    Print ()
    GetANewThread () returns ptr to Thread
    FreeThread (th: ptr to Thread)
endClass

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```