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            CS460 MIDTERM Check List

Download samples/MIDTERM/mid1.bin  (Problem 1)
                      mid2.bin  (timer)
-------------------------------------------------------------------------
Run mid1.bin (on QEMU)
Test it by the command sequence:

P1:
   fork    ==> P2 in readyQueue;
              P1's childList = [2, READY]
   switch  ==> switch to P2

P2:          childLsit = NULL
   fork
              P2 childList = [3, READY]
   fork
              P2 childList = [3, READY]->[4, READY]

   exit 22 ==> P2 becomes a ZOMBIE ==> switch to P1

P1:          childList = [2,ZOMBIE]->[3,READY]->[4,READY]

   wait    ==> should get P2 and FREE it
              P1 childList = [3,READY]->[4,READY]

   wait    ==> P1 in sleepList, event=its &proc
           ==> switch to P3

P3:
   exit 33 ==> wakeup P1 to readyQueue
              switch to P4

P4:
   switch  ==> P1 should report FOUND A ZOMBIE 3

P1: childList = [4,READY]

   wait    ==> P4 should RUN

P4:
   exit 44  ==> P1 should report: FOUND a ZOMBIE 4

P1:  no more child
-----------------------------------------------------------------
Test students timer as mid2.bin:

P0 fork P1, P2, P3, 4 into readyQueue; switch to P1

When a process runs, just ask for a time value ==> sleep until time up.

On each SEC: display timer queue as

timerQueue = [pid, time]->[pid, time]->[pid, time]

When a time decrements to 0, show amessage: wakeup pid


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