# CS460 LAB4 Check List

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1. First, verify students code did use ksleep() in kgetc()
                                       kwakeup() in kbd_interrupt handler

   Check command sequence as below, FOCUS on sleep, wakeup commands

   Boot up; P0 kfork P1 and switch to P1;
   P1:
     kfork ==> P2 in readyQueue;
               (looks like P2 is running but NOT, just ignore the prints)

     switch => switch to P2
               (looks like P1 is running, but NOT, ignore the prints)
     sleep  ==> get a sleep value and ksleep(value) => P2 should be in sleepList
               (looks like P2 still running, but ignore the prints)

     BACK TO P1 now
   P1
     wakeup ==> get a wakeup value and kwakeup(value) ==> should see P2 WOKEN up

     switch ==> should switch to P2
   ----------------------------------------------------------------------

2. Pipe:
(1). Let pipe READER read only 2 times, then exit;
         pipe WRITER uses a while(1) loop to write continueously;

EXPECTED result : Pipe WRITER should detect a BROKEN PIPE error; exit

(2). Let pipe READER uses a while(1) loop to read continueouly;
         pipe WRITER only write 2 times; then exit;

EXPECTED result: Pipe READER should return 0 when pipe has no data && no writer
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3. Run the message passing program:

  sender  : input a string, send MSG to receiver; continue loop;

  receiver: wait for MSG;
            received a MSG, print it;
            continue loop;
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