Name: _____   Career Account ID (email):   _____

Assignment 3:

Due Nov 1ˢᵗ Friday 11:59 pm on Blackboard.

1. Suppose a Xinu sleep queue contains (process 3 is on the head of list):

Process: 3 Key: 4	Process: 9 Key: 3		

   How many milliseconds in the future will process 9 awaken?

2. Suppose the process 6 sleeps for 8 ms when the sleep queue contains the two items shown above. What will the sleep queue contain after process 6 has been inserted?

3. Suppose that 1 ms after inserting process 6, process 12 sleeps for 2 ms. What will the sleep queue contain after process 12 has been inserted?

4. Suppose that 1 ms after inserting process 12, process 18 sleeps for 4 ms. What will the sleep queue contain after process 18 has been inserted?

5. Starting with the sleep queue when process 12 has been inserted, list the processes on the queue and the time remaining for each.

Submission instructions:
Submit your file to blackboard before the due date and time.