Assignment one for ch 5,6,7,8 (total 50 pts) （due in March. 15）

Chapter 5 (12.5 pts)

Practice Exercises

5.4(a)

5.5(a)

Chapter 6 (12.5 pts)

Practice Exercises

6.2(provide more than that from the publisher’s answer, use structure of semaphore and its list from PPT and book to explain)

Chapter 7 (12.5 pts)

Explain in the Readers-Writers Problem, how writer process and reader process use the Semaphores of both rw\_mutex and mutex to achieve process synchronization.

Chapter 8 (12.5 pts)

Practice Exercises

8.3 (use Allocation matrix, Max matrix, Need matrix and available matrix to explain)

**Method of submission: online submission of document/screenshot**