Week 9

1   Please read the Chapter 7 Deadlocks.

1   You should have the concept of deadlock.

2   You must know the four necessary conditions about deadlock.

3   You should understand the resource-allocation graph, and determine whether there is a deadlock state or not.

4   You are familiar with how deadlocks are handled including deadlock prevention, deadlock avoidance, deadlock detection and deadlock recover.

5   You must know the banker's algorithm.

Understand the terms:

1   deadlock

2   circular wait

3   hold and wait

4   resource allocation graph

5   banker's algorithm

6   Safe state