Database Management System - cs422 DE

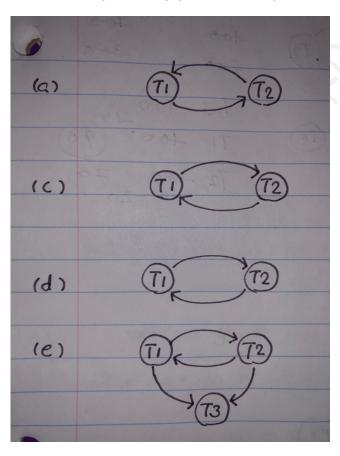
Lab 5 - Week 10 & 11

Solve the following Exercises from the course text book.

- 1. 22.18/20.18 (a, c, d, e) (5th/4th edition) only do conflict serializable
- (a) read(T1, balx), read(T2, balx), write(T1, balx), write(T2, balx), commit(T1), commit(T2) This schedule is not conflict serializable, recoverable and it can avoid cascading aborts.
- (c) read(T1, balx), write(T2, balx), write(T1, balx), abort(T2), commit(T1) This schedule is not conflict serializable, not recoverable and it can avoid cascading aborts.
- (d) write(T1, balx), read(T2, balx), write(T1, balx), commit(T2), abort(T1)
 This schedule is not conflict serializable, not recoverable and it does not avoid cascading aborts.
- (e) read(T1, balx), write(T2, balx), write(T1, balx), read(T3, balx), commit(T1), commit(T2), commit(T3)

This schedule is not conflict serializable, not recoverable and it does not avoid cascading aborts.

2. 22.19/20.19 (a, c, d, e) $(5^{th}/4^{th}$ edition)



3. 22.22/20.22 (5th/4th edition)

