Slides of interest from Chapters 20, 21, 22

Slides 20-1 to 20-38 and rest briefly in chapter 20

Learn about conflict, serial, serializability graph, serializability, commit points, logs, why recovery is needed, why concurrency control is needed.

Slides 21-1 to 21-22, 21-27 to 21-29, 21-36 to 21-39

Two phase locking, time stamp and optimistic (Validation) concurrency control, locks/unlocks, Variations of 2PL, how to enforce 2PL, 2PL is sufficient but not necessary for serializability, deadlock, live locks and how to deal with them, Granularity of locking, phantom problem.

Slides 22-1 to 22-22, 22-32 to 22-34

Redo/undo log, checkpoint, cascade rollback, recovery concepts, recovery algorithms.