

Chapter 15a

1. What is a locking protocol? Is a locking protocol enough to guarantee serializability?
2. Describe two phase locking. What problem does strict two phase locking address?
3. What is deadlock? How is it resolved in the database world?
4. What is the lock manager? How does the lock table work?

5. Describe the difference between wound-wait and wait-die.

6. Describe how multigranularity locking works. Identify the multigranular matrix

7. How does a timestamp protocol work? What is the Thomas Write Rule?