Locking

Record locking is the technique of preventing simultaneous access to data in a database, to prevent inconsistent results. The classic example for this is that two employees attempting to update the same mobile table for two different transactions.

Table locking is the technique of preventing access to data from entire table rather than granular locking of each row / page and then follow lock escalation to block the table.

**LOCK** **TABLES** suppliers **WRITE**;

**select** \* **from** suppliers **where** supplierID>'0';

**SELECT** **COUNT**(\*) **FROM** suppliers;

**INSERT** **INTO** suppliers **SELECT** \* **FROM** suppliers;

**UNLOCK** **TABLEs**;