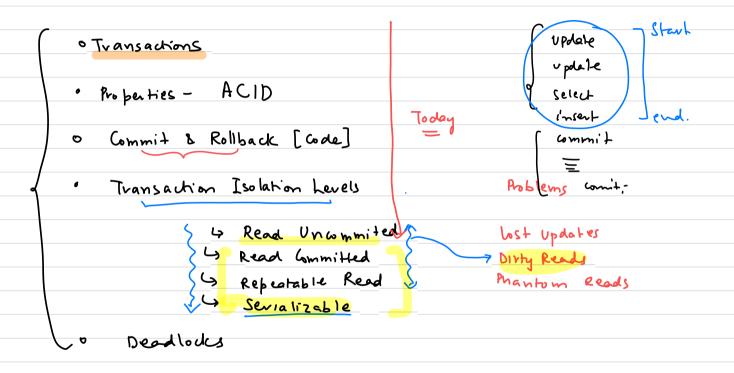
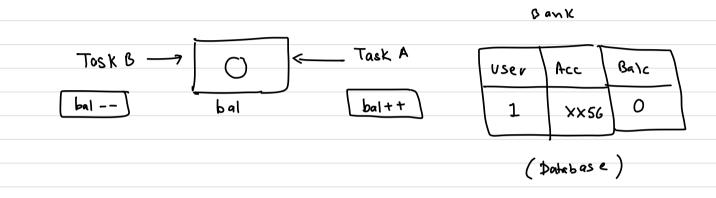
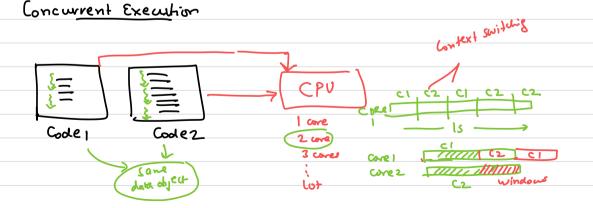
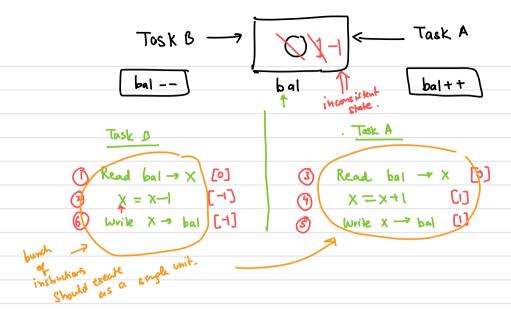


Transactions







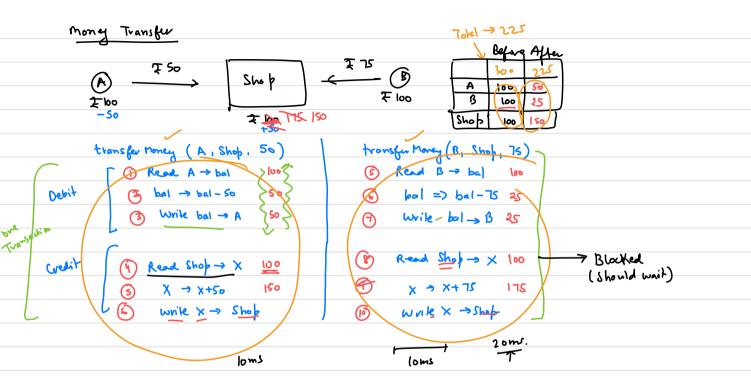


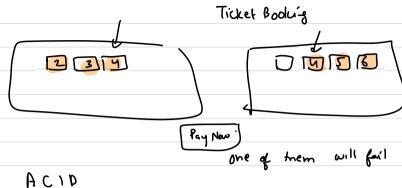
Transaction: set of database operations logically

Stouped together to perform task.

ls solve he problem of inconsistent state

Complete operation might not execute some times-

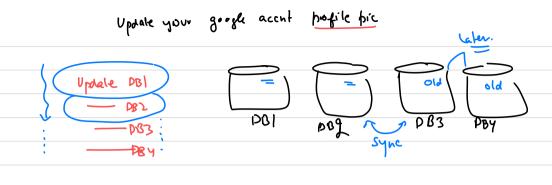




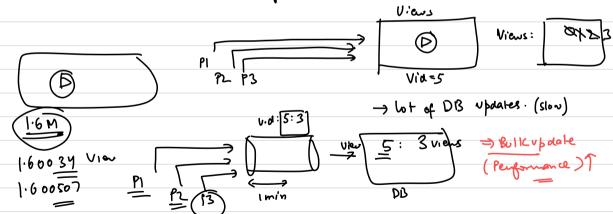
Expectations from a Transaction.

- Atomicity
- Consistency
- Isolation
- Durability
- Atomicity -> To the outside the manin should appear as a single entitu operation

- All instructions are executed & nothing has happened.







(3) Isolation

Means one transaction shouldn't affect another Transaction running at same time on the same DB in a wrong way.

4 Transaction Isolators levels

(4) Durability

5) should persist in DB forever





