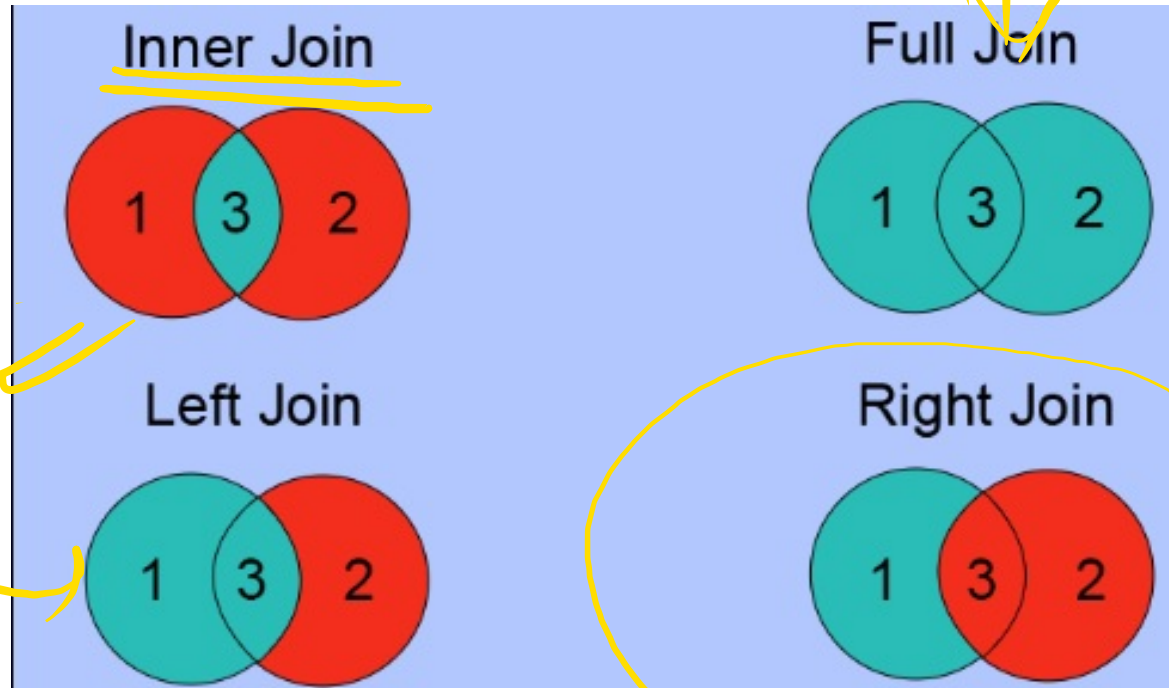


JOINS



Normalization

Flipkart

JOIN

customer info

customer

sales

boards

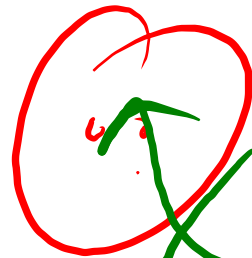
Transactions

What ~

↳ either All or Nothing!!!

stake →

Lahri 



① Money got deducted from Lahri a/c



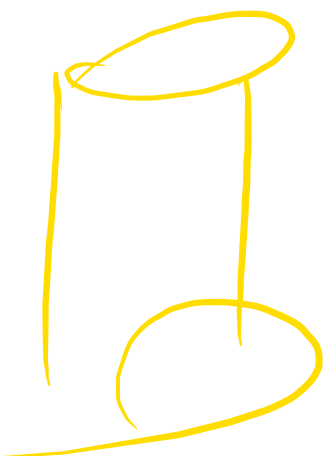
② Wire transfer



③ Money got added to Virsing's a/c

Why? {

- ① Money Transfer
- ② Reservation { Tickets
Seats }



Transaction

→ { ACID }

A → Atomicity

C → Consistent

I → Isolation

D → Durability

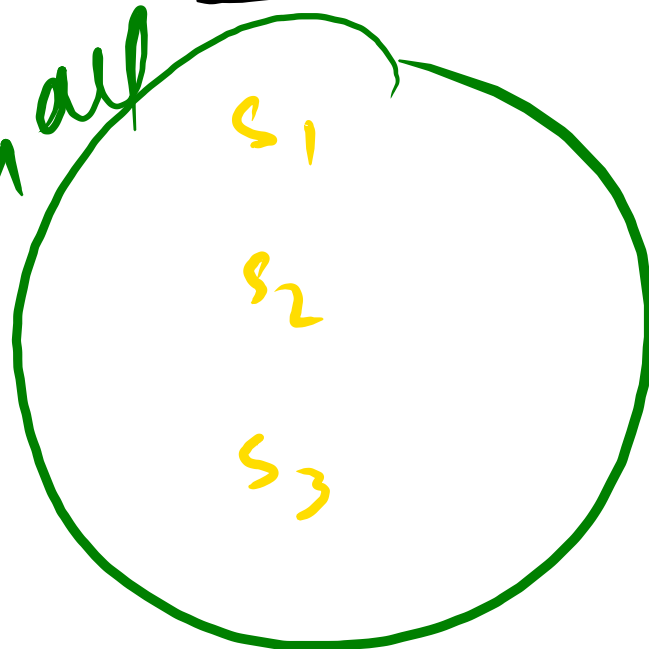
Atomicity }

(Atom)

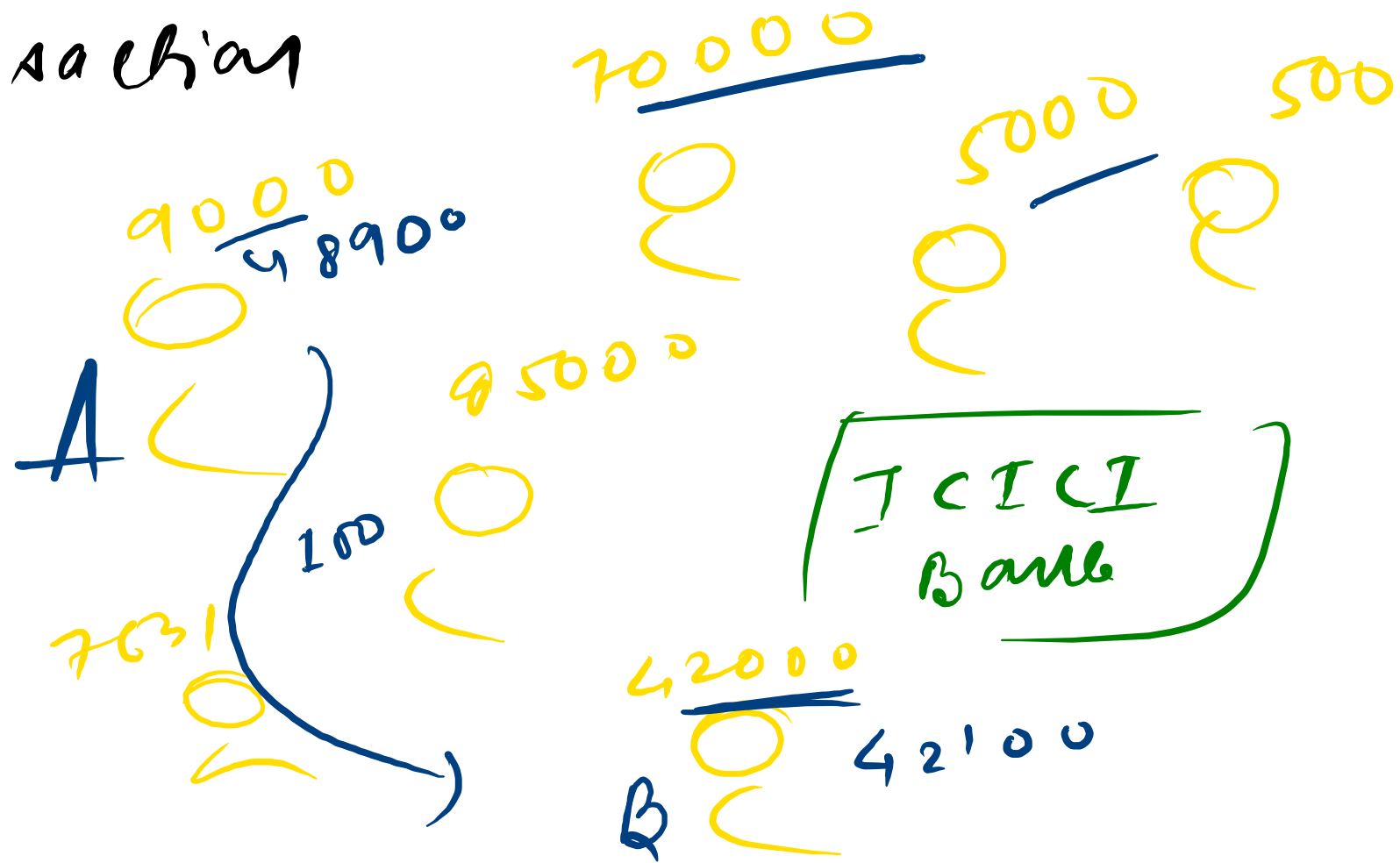
Activity

Transaction }

{ either all
or none



Consistent / State of the system
should remain consistent before and
after transaction



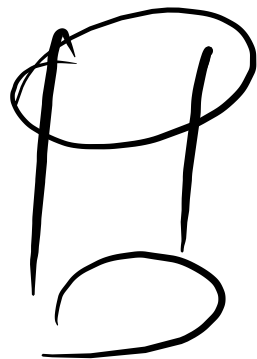
Isolation } each transaction is
independent of other transactions!!!

Google pay / phone pay

Ad credit
supplier
□ ○
└

Durability : System is durable enough to maintain the state after a transaction is successfully complete

✓
A
C
T
D



Transactional

Either All or Nothing!!!