SQL-4

Agenda Vienis

(1) Indexing (2)

Transactions (-)

Naman Bhalle - SWB @ Google american Surgunie

-> SE LECT

- FROM

- WHERE

-> rekelt of any Sar query is like a table

Assert Sulquery

Scaluri DB

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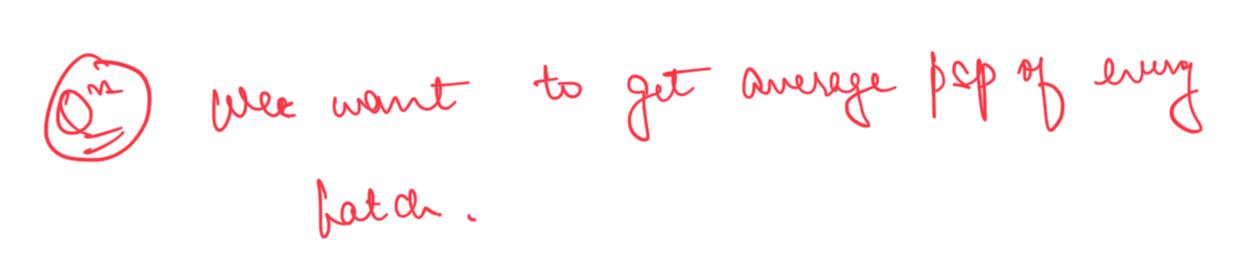
- to achers

pourus Quident bid name tial [id name \ P&b bid mamer bid Eine averege per for all atudents bring taughtby a teacher Naman Satzacai 95 Tanavany 89 ふり W 1 1 1 -

140 pr select ang (psp), teid 6-ice t nam St-Ed t-id | psp group by t-id select S.id, t. id, t. name, s.psp, b.id from Students s join batches b - - - - L. 12_col

join teachers t on b.t-ia = t.ial

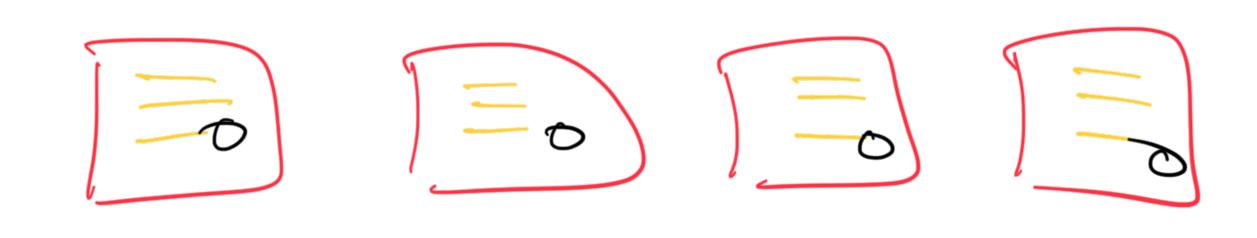
Celest [from students hateher where _____



Select ang(psp), b-i'd

from X =

group by b-i'd



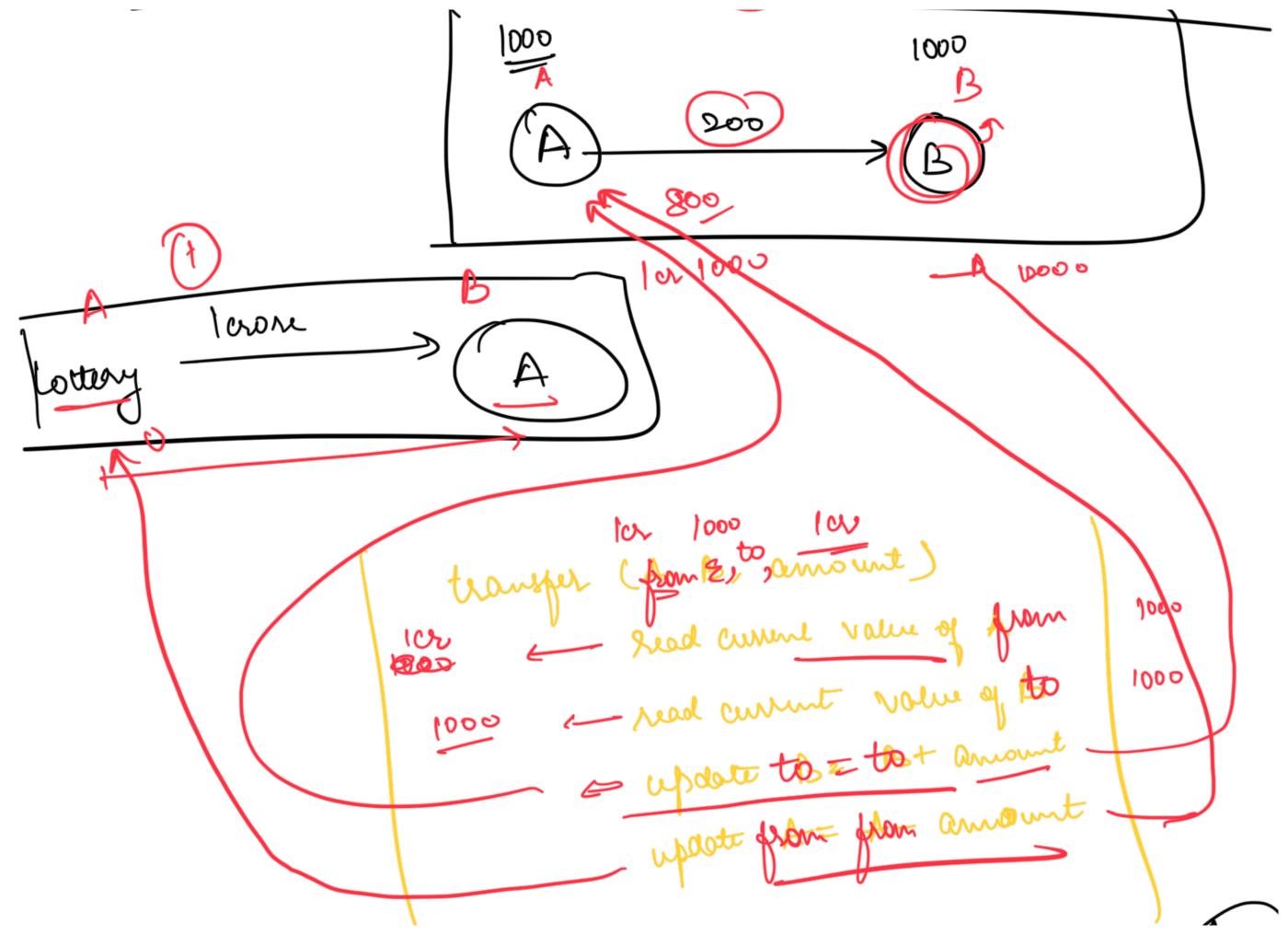


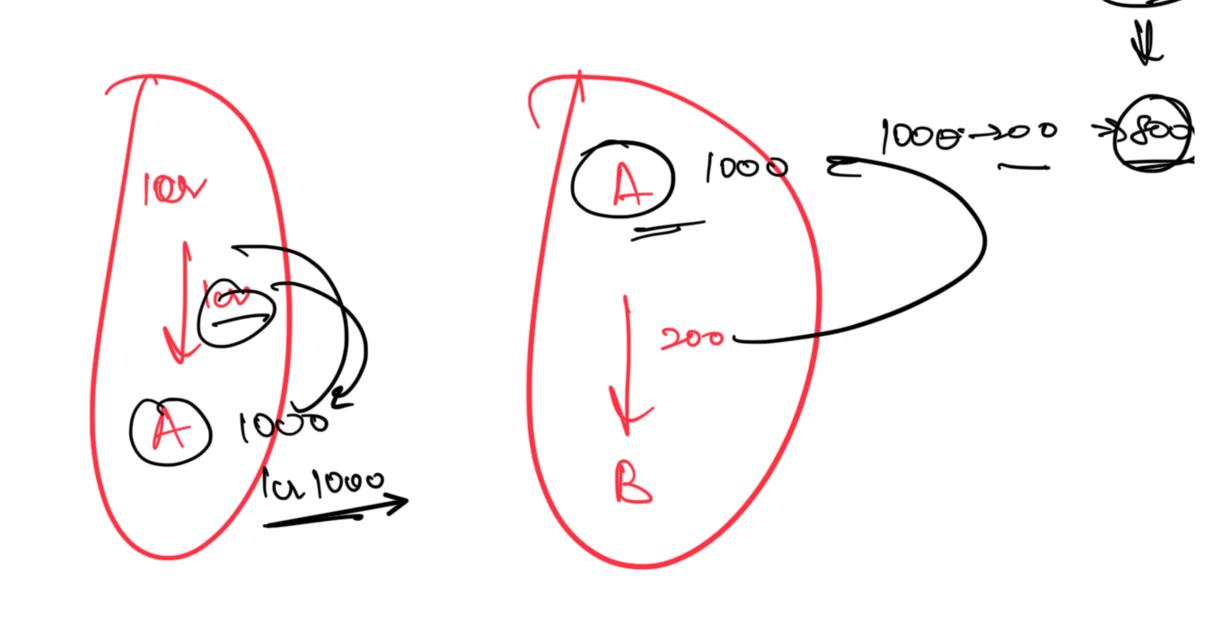
J View is like a lungung stornel in my detailere

I view outs like a table.

1 ransactions - a group of 1 statements that Complete None de run (atomically), Bank eg of tramadion transfer 200 rs from A to B) Get current balance of A

Temp =A 3 put balance of A= A-200 (4) Gret current bolonice of B (5) Temp=B 6 Put new balance of B = B+200 2 Donahulinj 1 desertion Atomicity Consistincy





-> cyclic request for locks

TZ

> gets lock over 3 gets lock over 7 requert lock over 7 371 is wenting for t2 to complete request bock over 3 Lis weiting For Th 3 dealloch whenever detocts deallak it > In Mysal

A - 3 B faith B - 3 C Current

TI has both X

T2 requeste lock which leads to dealler

CN-9TTS -> Naman -> MANG = Town