

A = All or noting - [Atomicity]

C - Same as before [consistenty]

I - Multiple than saction
Should be independent - [Isolation]

D - After commit schanges

are permanent

~ 1

- READ
- READ
- NRITE

Isolation lend

Lend I -> READ UN CONTITIED

Problem - DIRTY READ

X = 2000

TI

= RELALLY

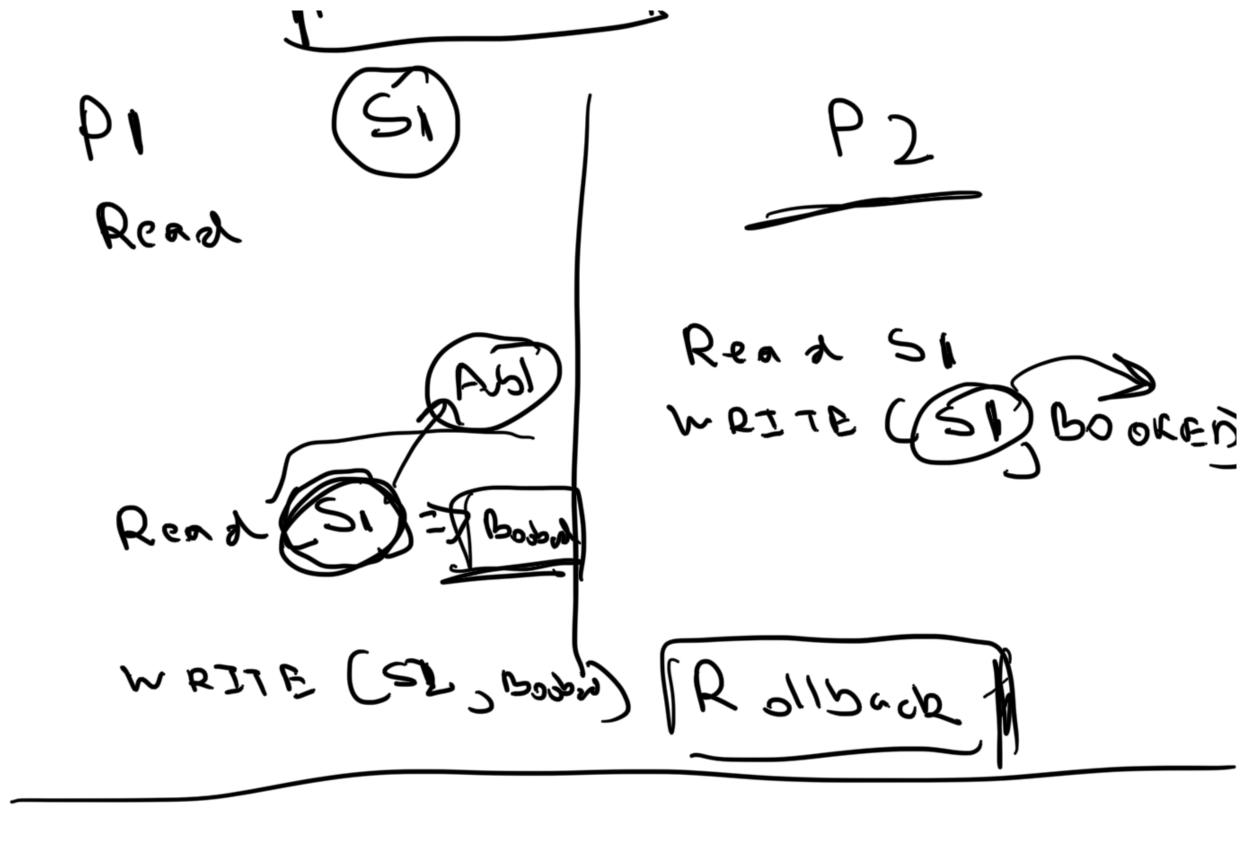
/ Oa O X = RE DO(7 X = 500 WRITE (X) 1500)

X" = RE AD (A)

FROLLBACK

Connii (1500)

Booking



Read committed

L7 com niHed

$$X = 2000$$

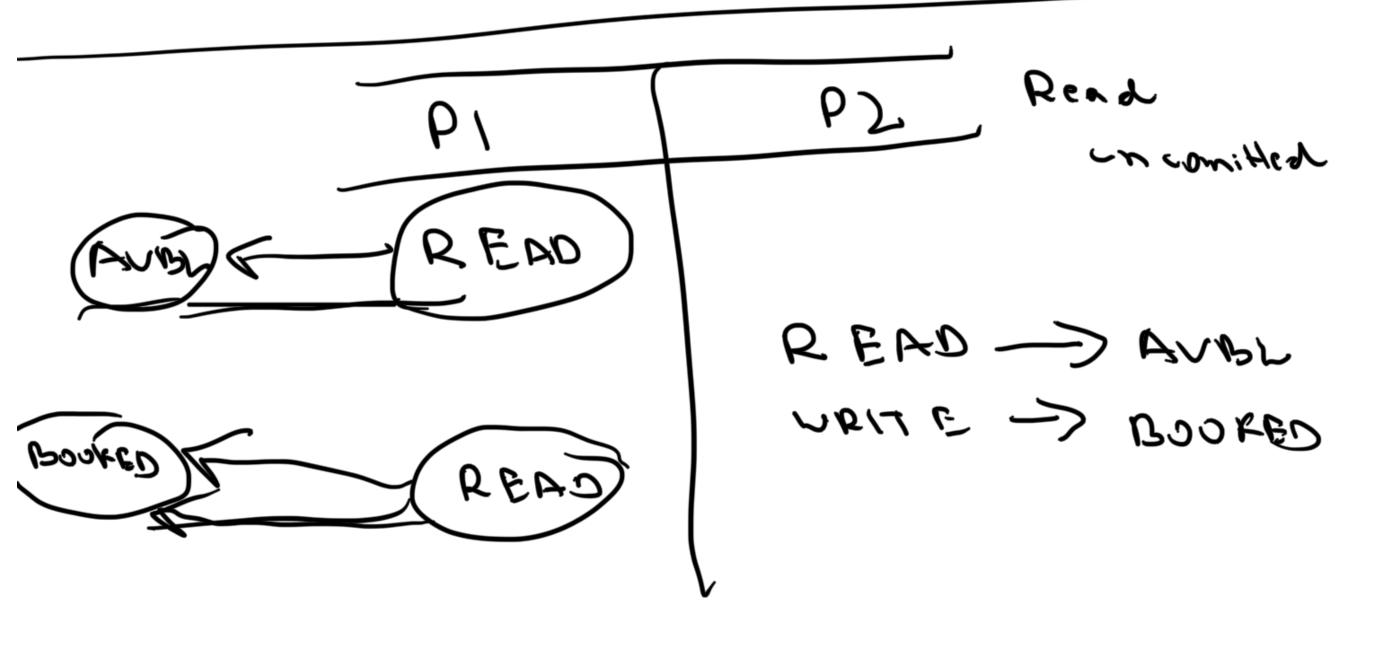
$$X' = READ(S)$$

$$X'' = READ(S)$$

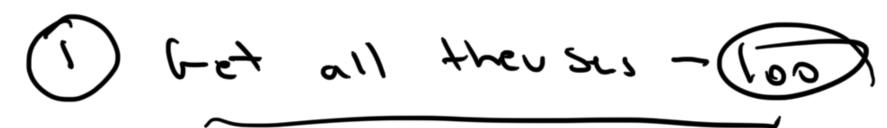
$$X'' = READ(T)$$

P 2 (12) PICTD (iz) an 99 RE AD (SI) W RITE(SI) Booked (IZ) QA JA URITE (BOOKE) CON MIT COMMIT

[Lost update



Send email



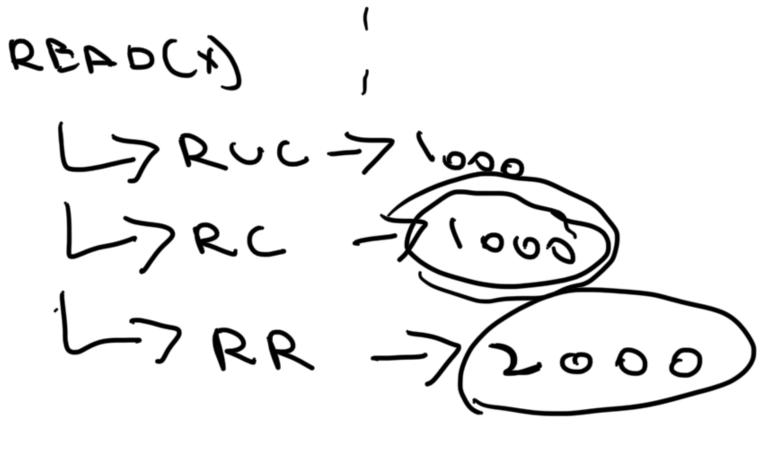
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3	Oby yes the list -101
4	(ret all the cons
Non-re	peatible nead
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Repeatable (2 6 0 0
	L000

x = 2000

~ - ~ -

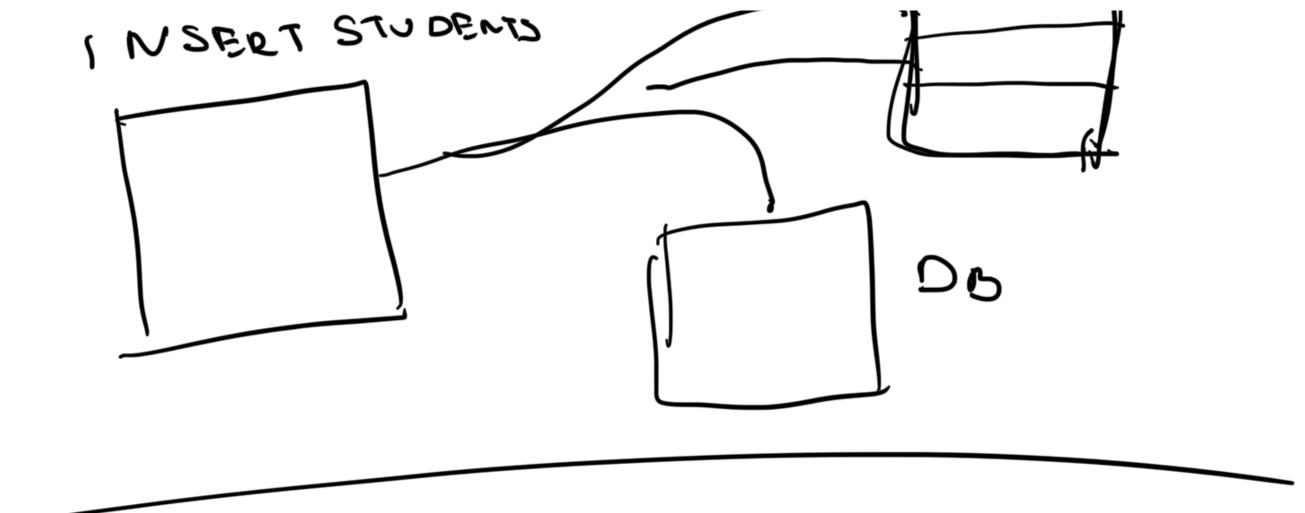
HEADCX) -> 2000 MBILE (X7 1000) READ(x) 一 ア R J C -> 10000 一 ア R C -> 20000 RR -> 2000 REPOCY) WR178 C4 ,1005)

Comnit



RR Serial Buful Trensceller A few string about 1255

WAL (write she so d loggin s)



6:19 - 6:25

- 10:55 BREAK

Tontin Tope 270008 bor siszen x on a crost

Cache

Select X stronts

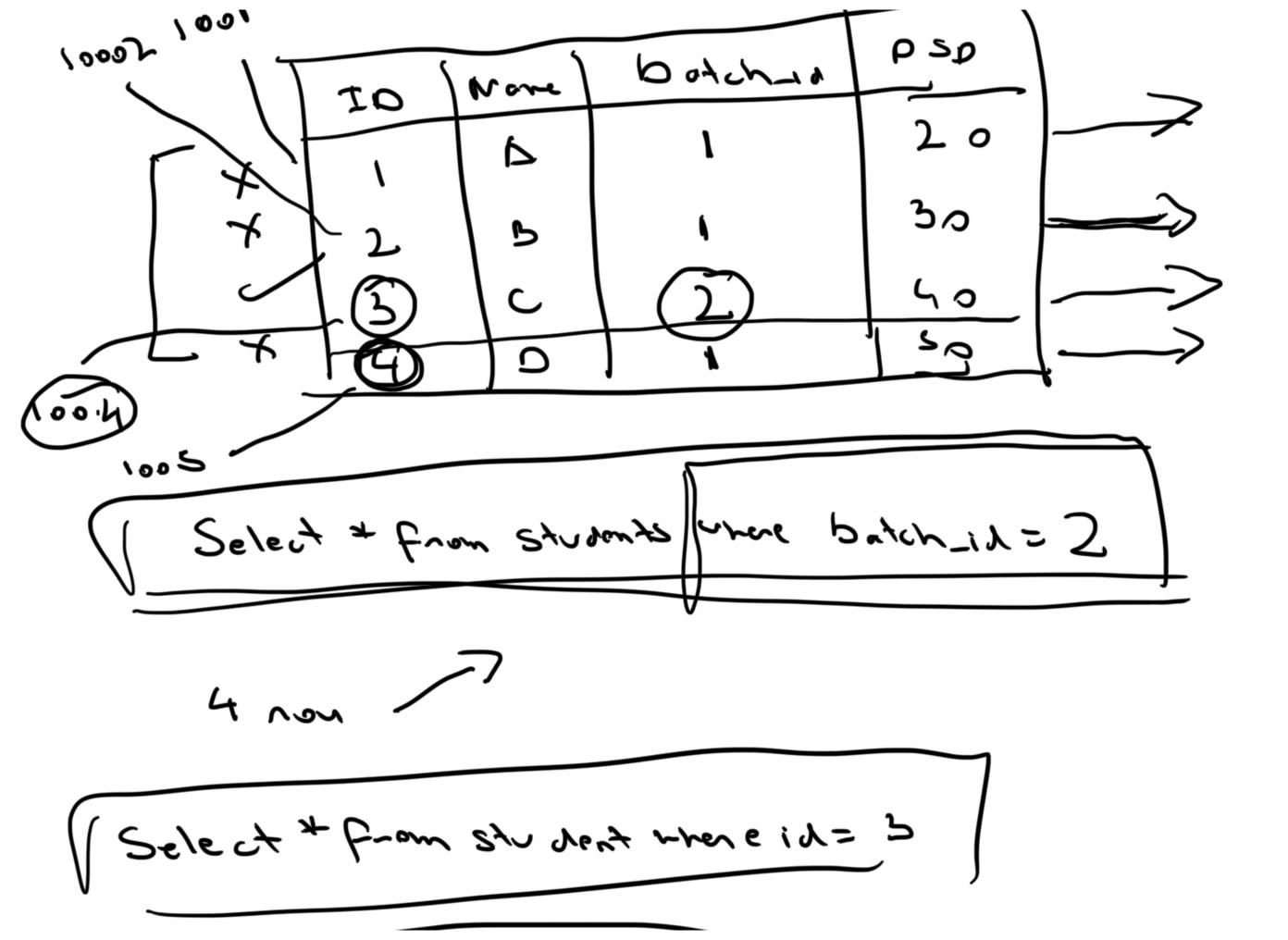
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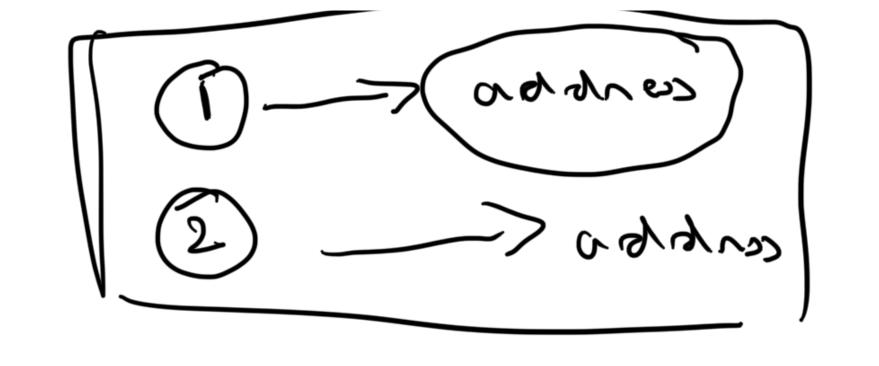


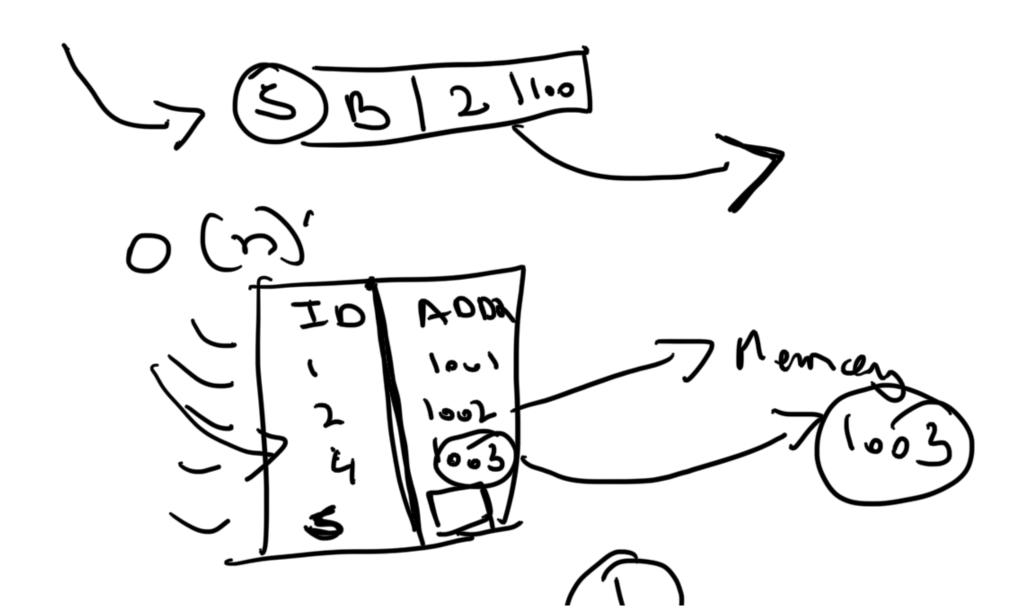
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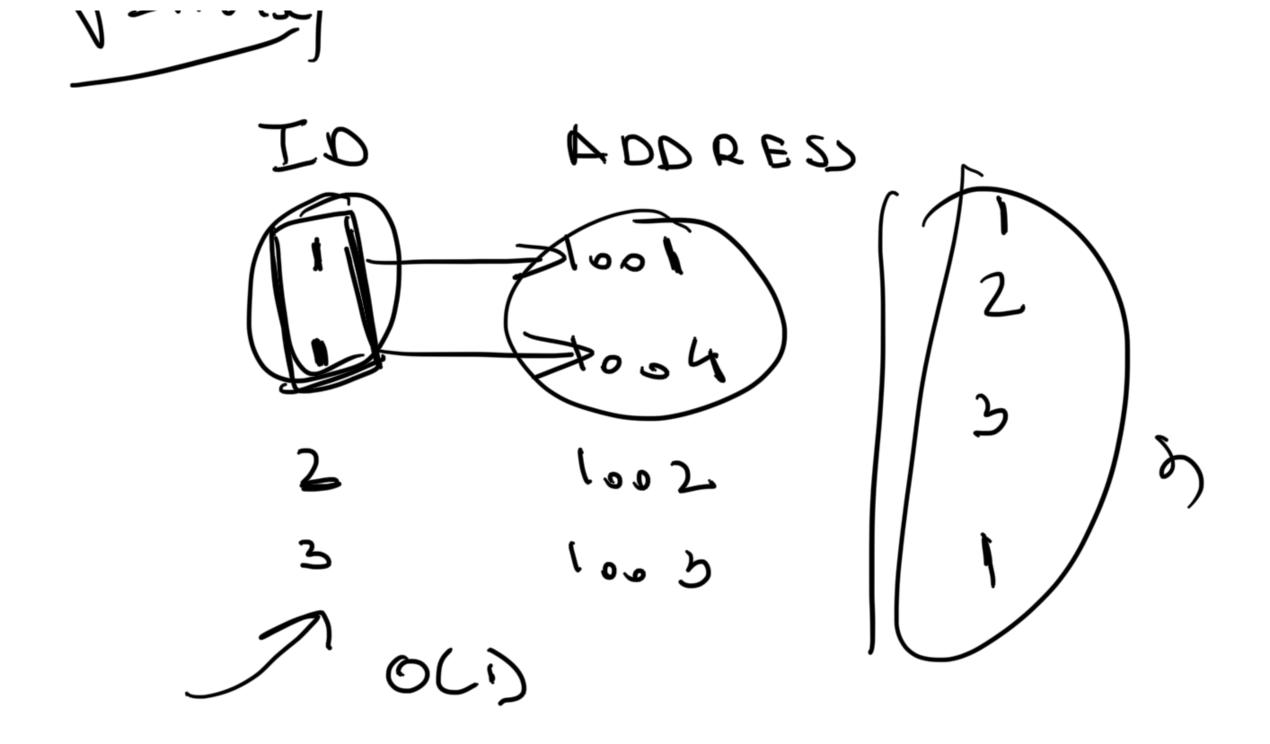
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Selecta from students where poliching = 1 アッナットノア 10001 10007

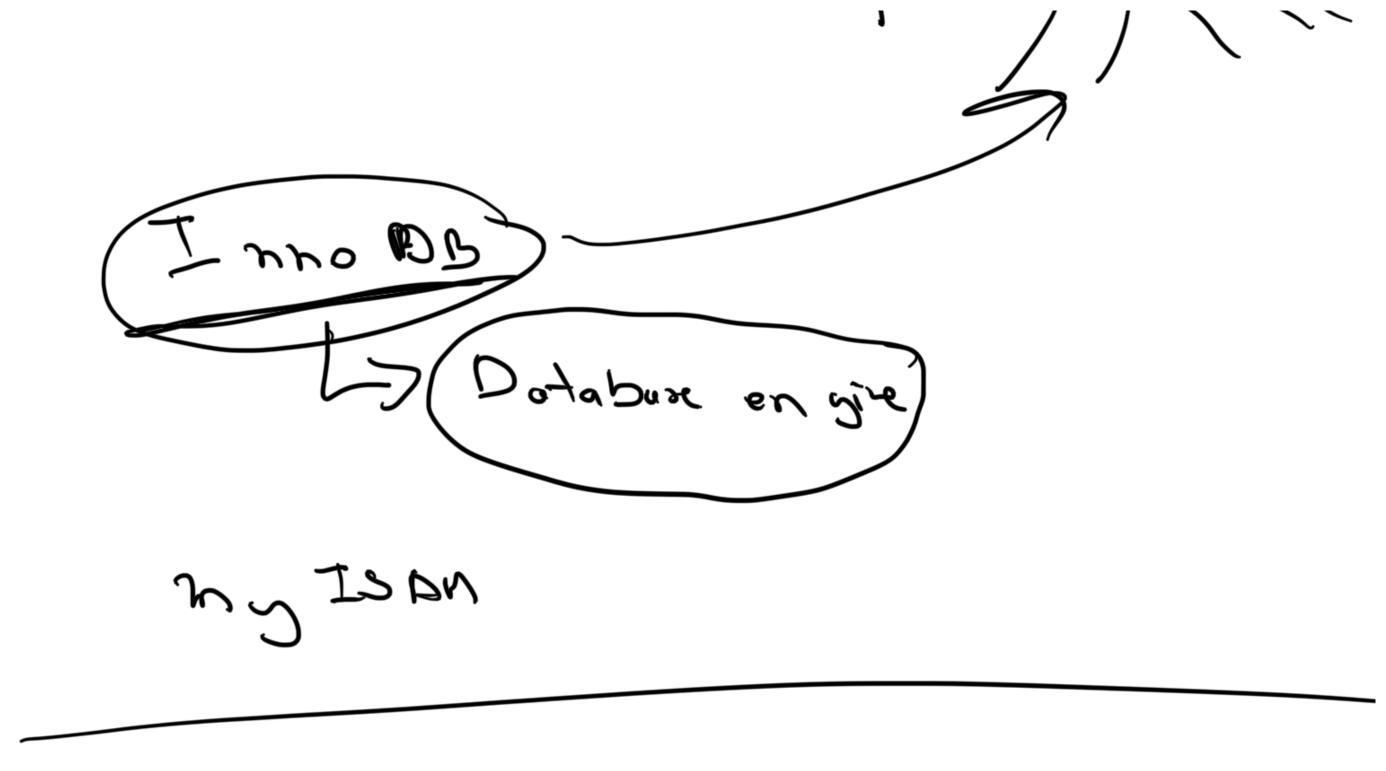


[172 psp 2 26

Ronge In Noz 7 propit

(T) (Fetch in y by bes) >Octown)

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5+2201

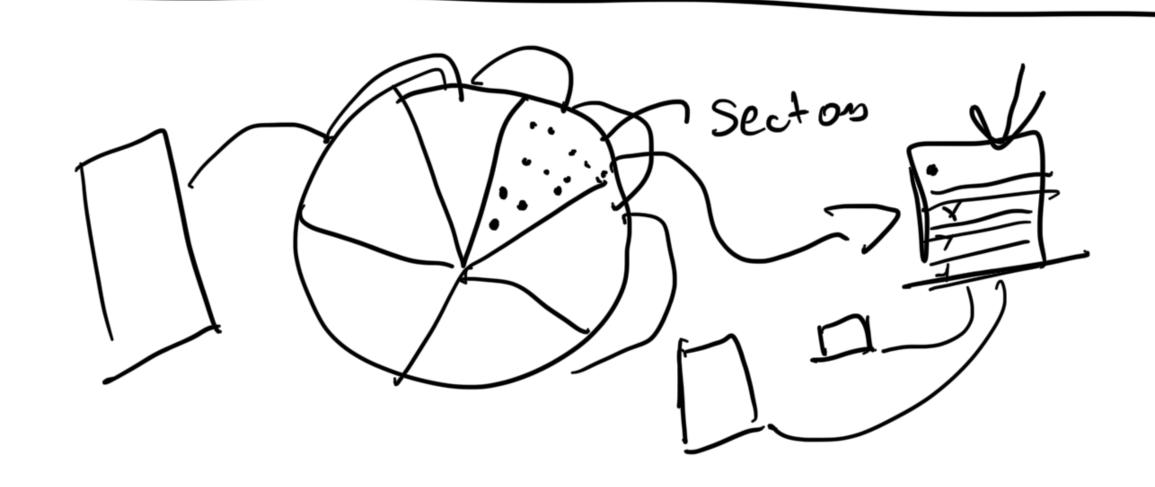
) N AME en AJL

Practical

- In Nexes!

Sub queries

Viens



dh.execute (" Select" from ...")
db. select()

- (1001) (1) - 1001, 100



