

# DBMS - V

## SIMPLY QUERIES

- Types of commands in SQL

- Major operations in SQL

- Create a row

- read a

- Update

- Operators SQL

- Joins

- Inner Join

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Major systems

C R U D

Table

C

-

create

R

-

DESC

C

-

ALTER

D

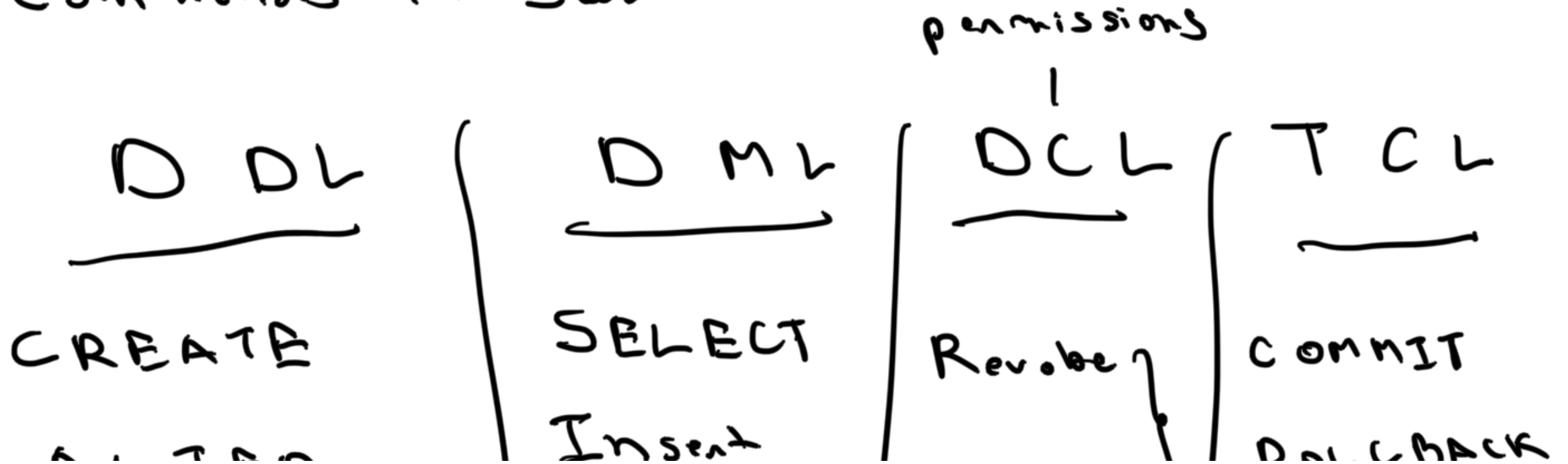
-

DROP

CRUD - now Select



### Commands in SQL



ALTER

DROP

TRUNCATE

UPDATE

Delete

Grant

UN

BEFORE

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Joining

One table

How do we interact with multiple

table?

Students, batches

I want to know all students in  
Sherlock batch

IDs

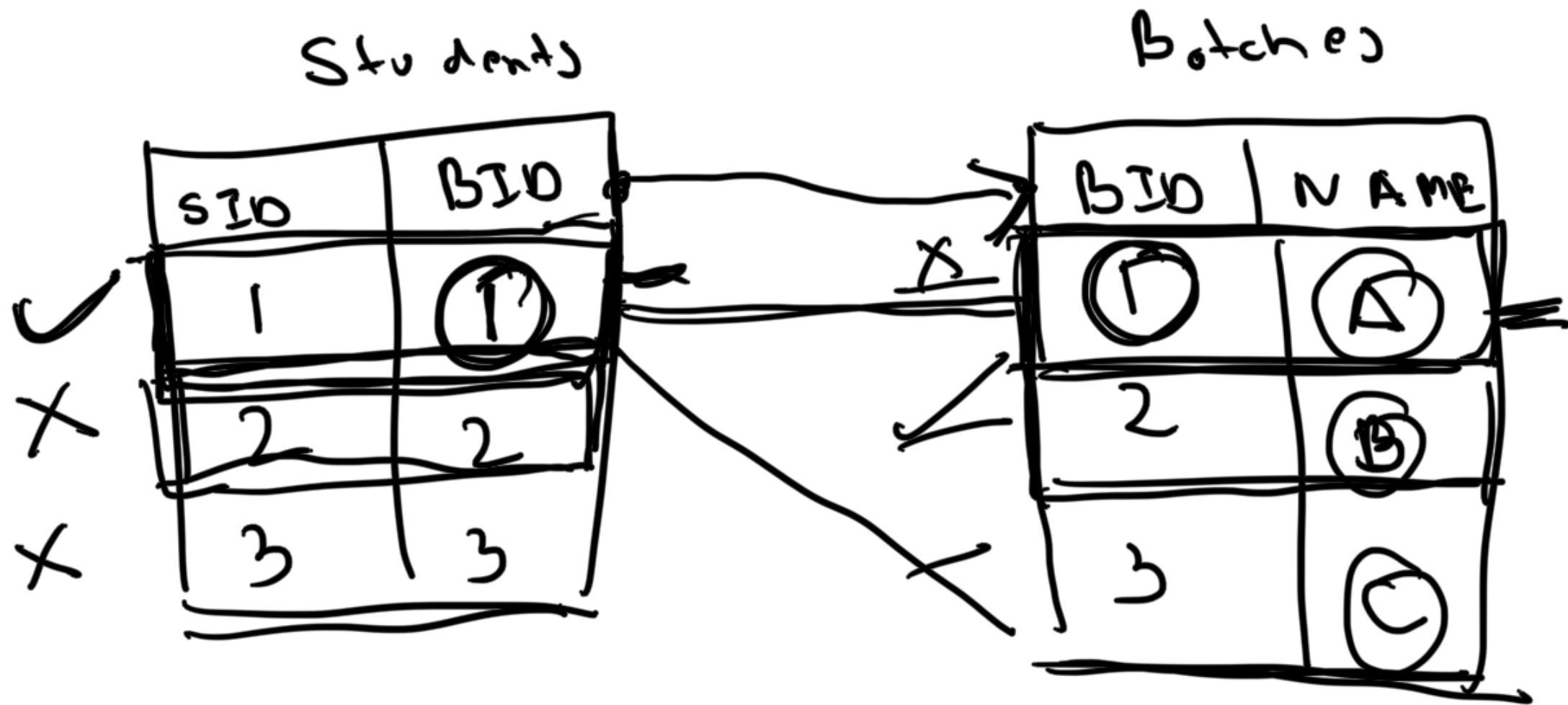
names

Joins

combining multiple tables

# Joins - Inner Join

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Inner Join

When we join two table  
we need to match on a  
column

Column - FK

SID	BID	NAME
1	1	A
2	2	B
3	3	C

Students

Batches

SID	BID
-----	-----

BID, NAME



Tinner Soim

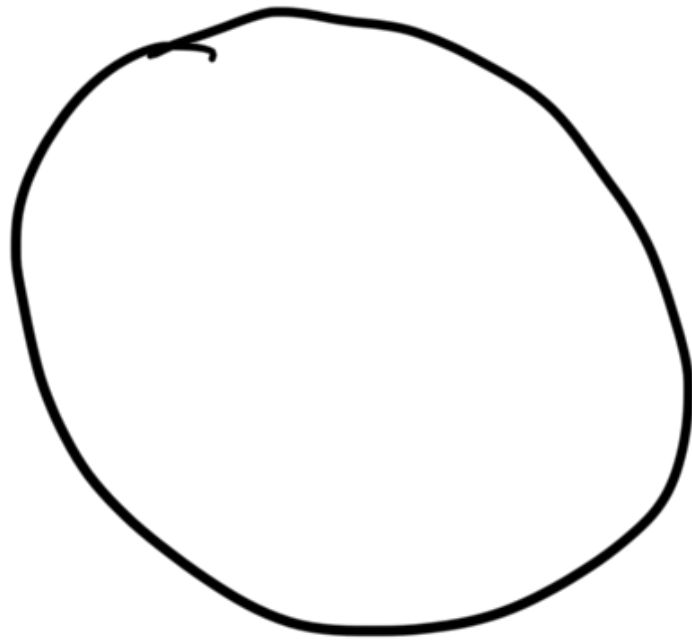


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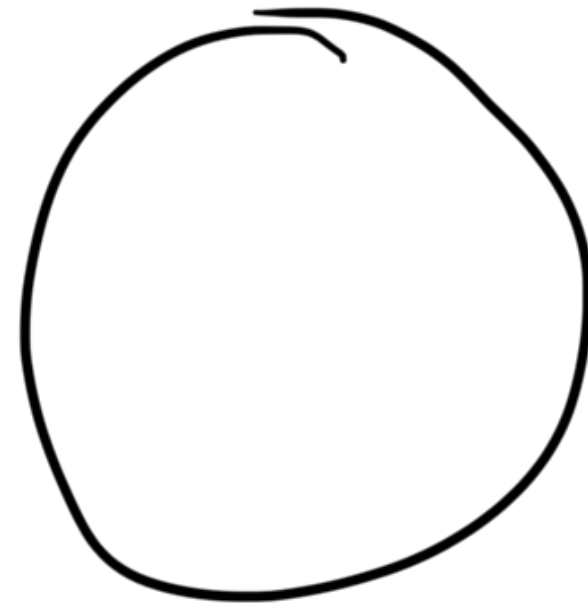
A == NULL False

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Students

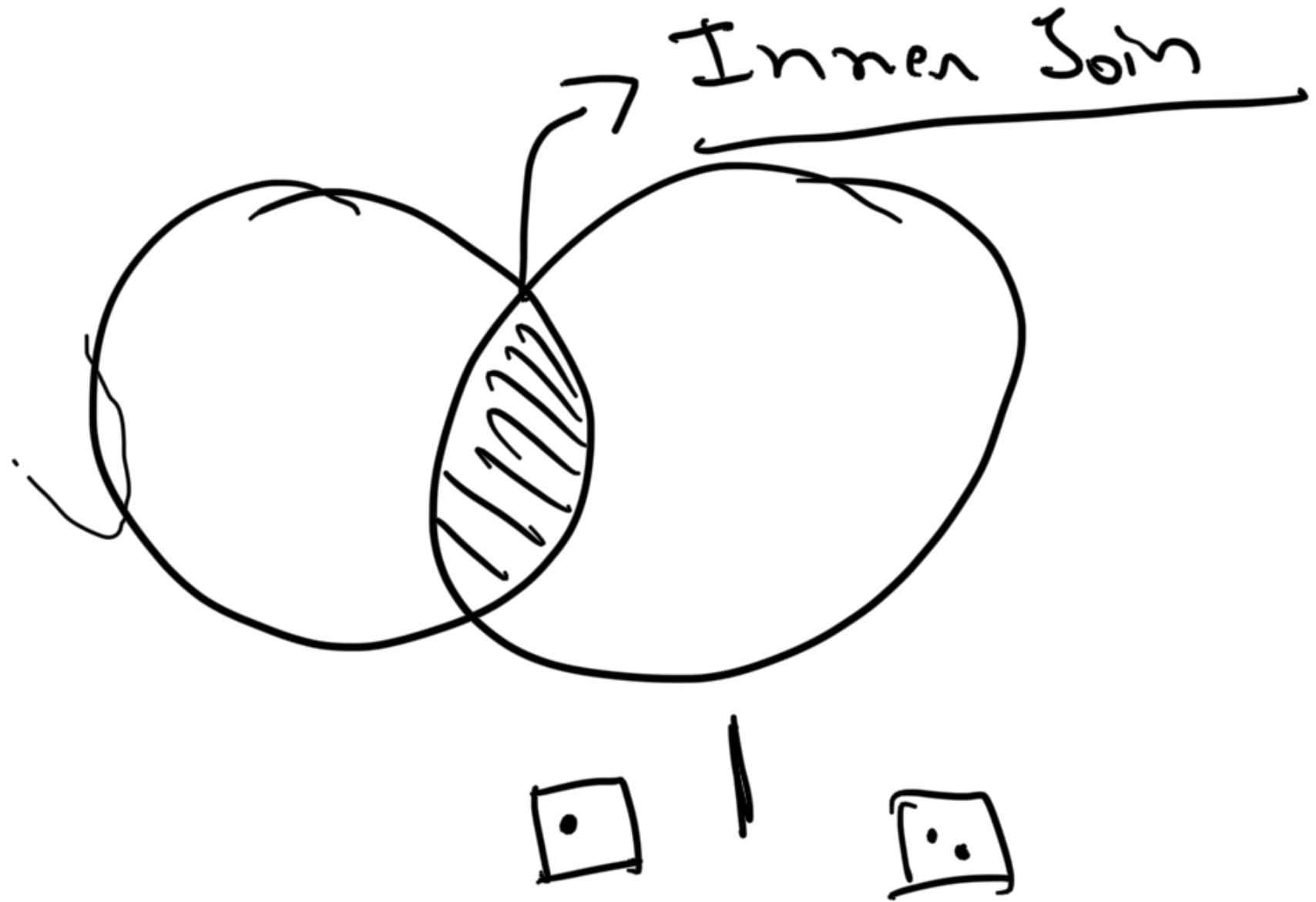


Bitches



JOIN - ?

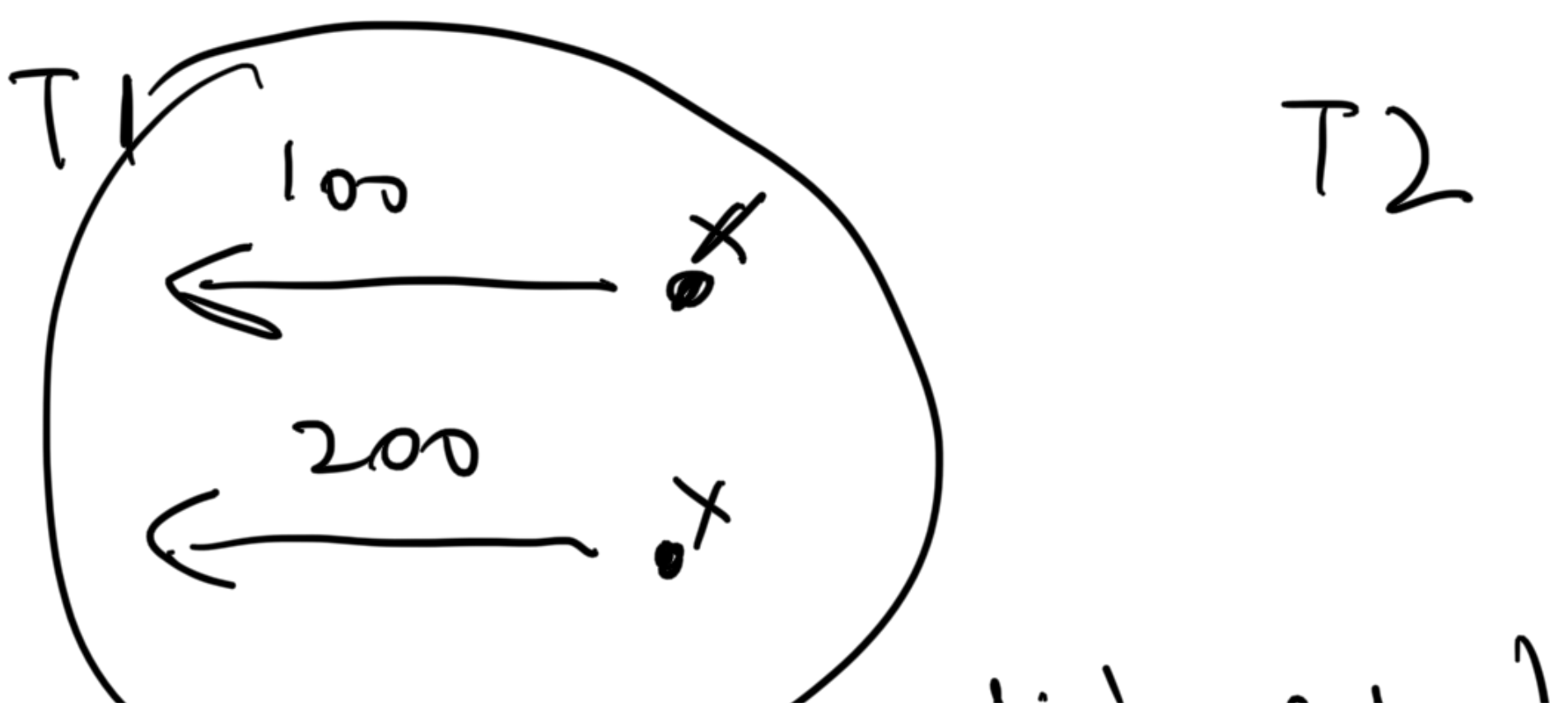
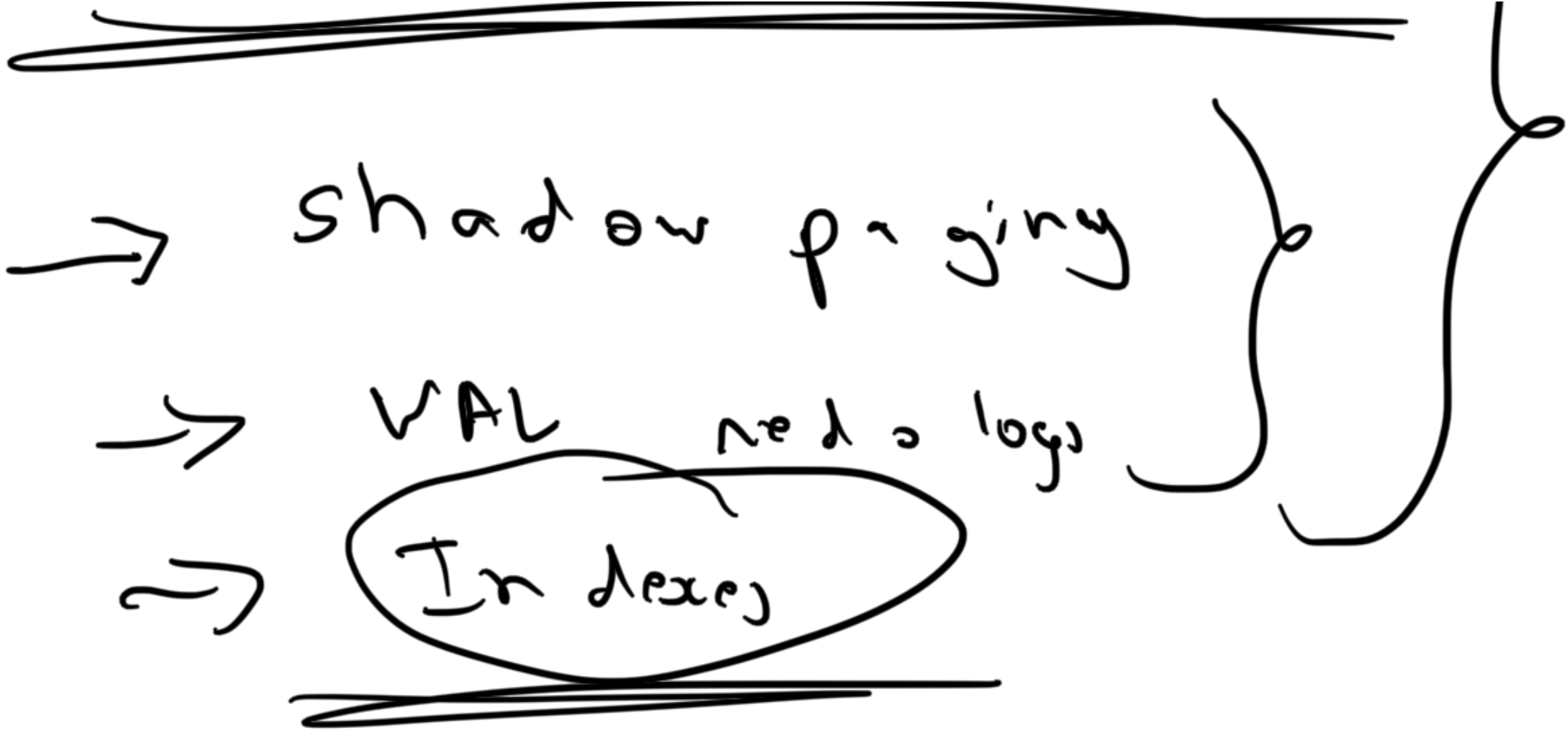
In transaction

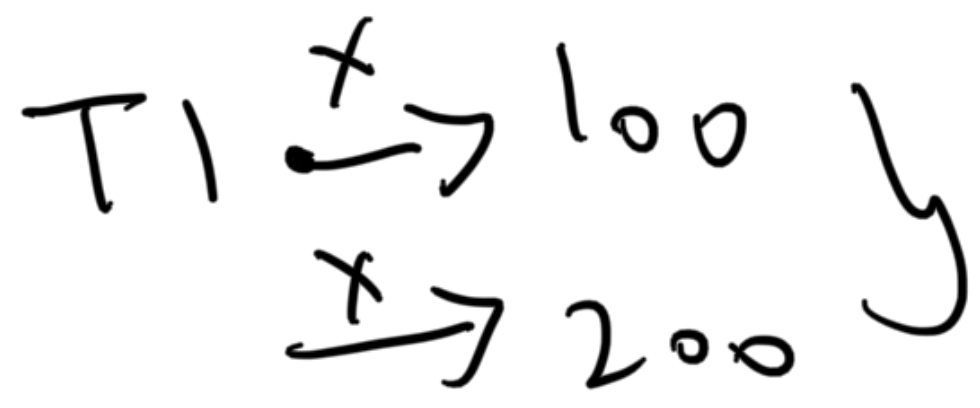
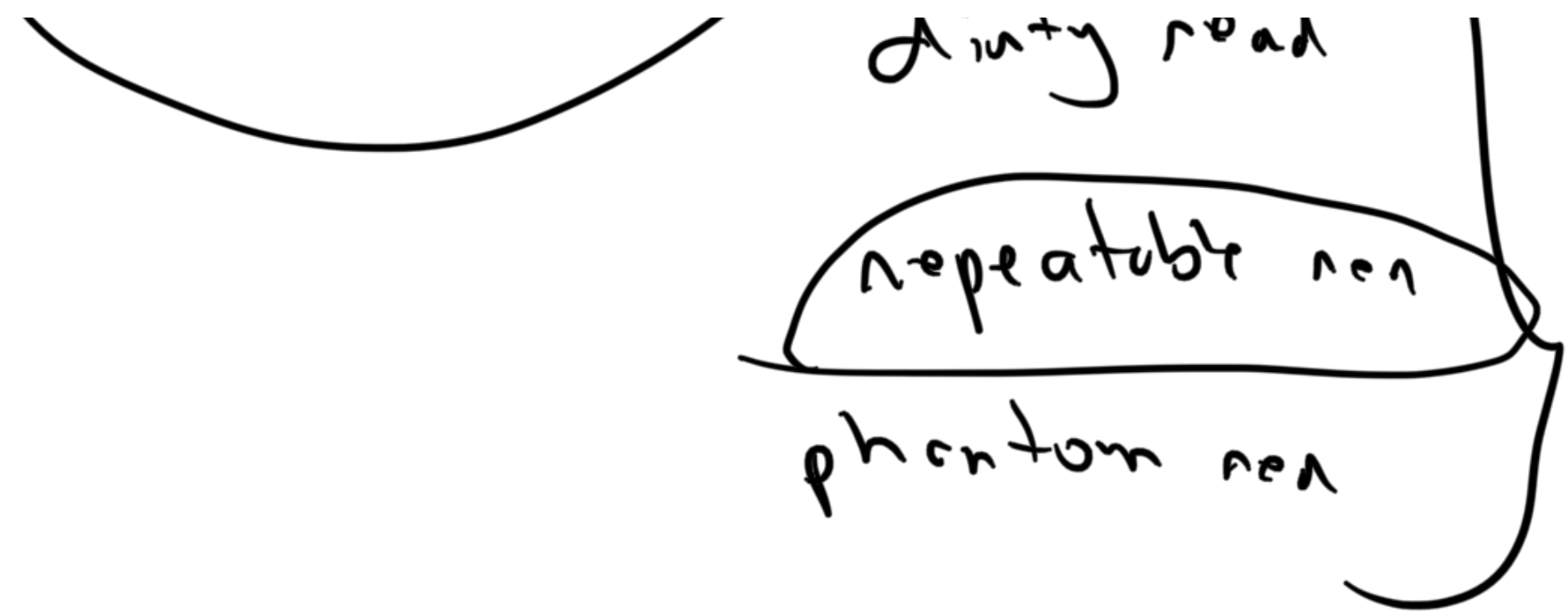


①

Atomicity in Transactions







non-repeatable read

~~before~~ before I commit some other T needs it is a dirty read

non-repeatable → non

