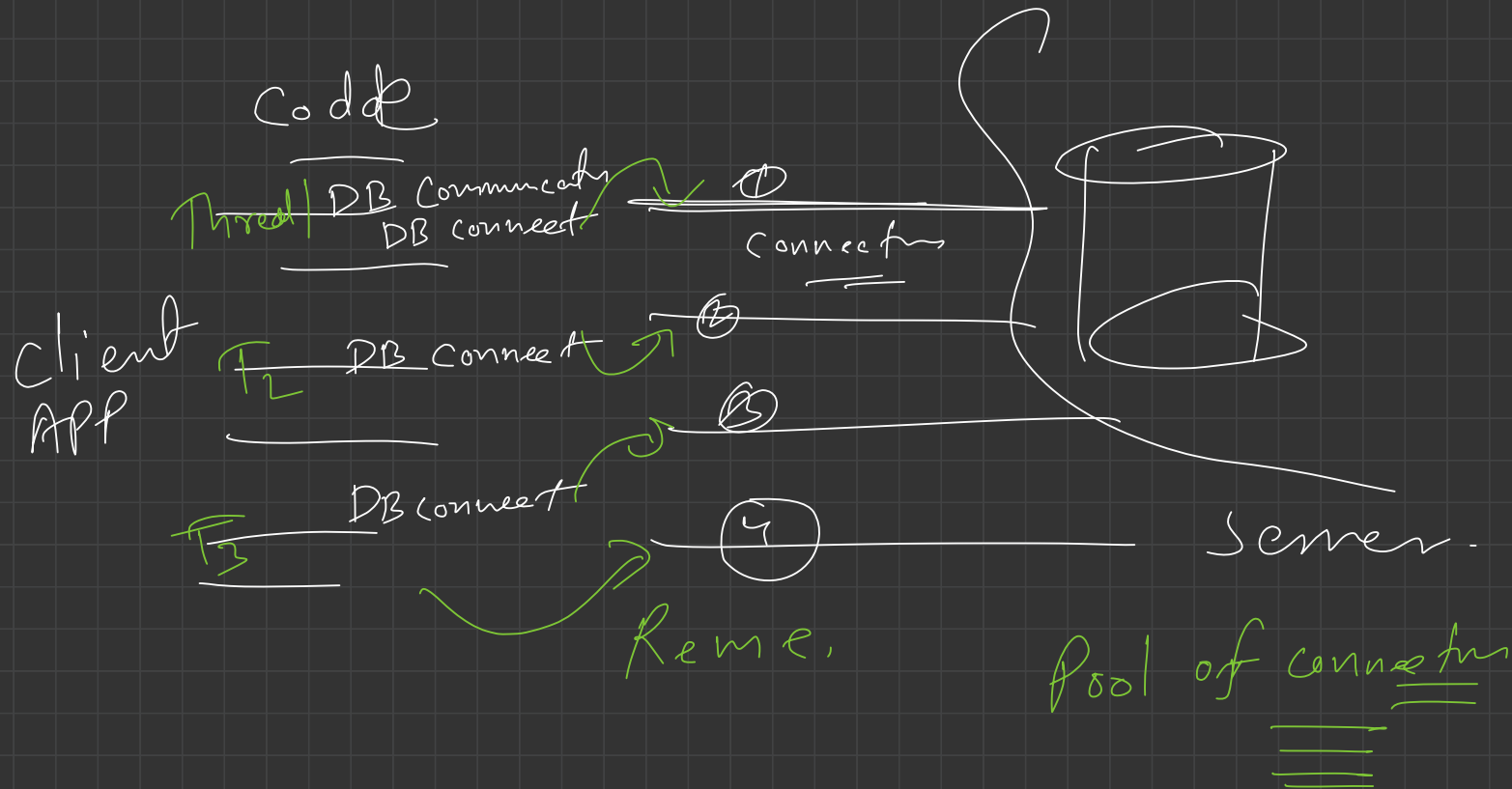



Lec-19

→ Design

DB scaling Patterns

Cache DB Connections

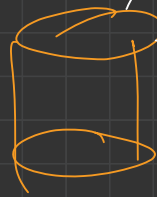
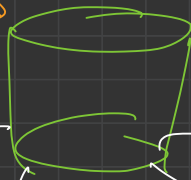


Pattern 3

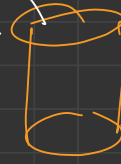
write

commit

Primary



Replica



Replica

Data Replication

Data Replication

Read

Read

$N \Rightarrow$

$N/2$

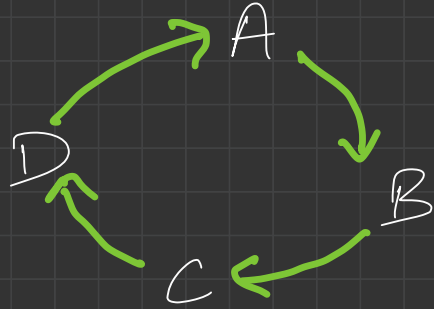
Read

\leftrightarrow

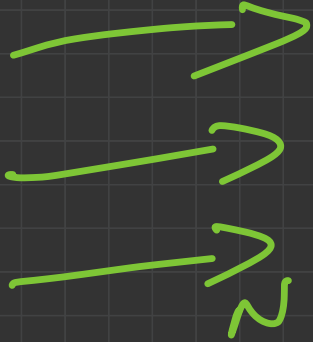
$N/2$

Write

Pattern 4 \Rightarrow



Write \rightarrow Any node
will handle
it



R/W

Pattern 5

Client APP
Req. →

Layers

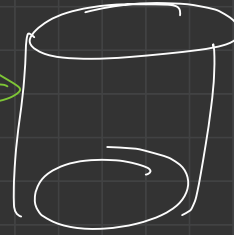
Logically
join
Rents

Some info.

Query

Query

Some info.



Cab APP

DB

Machine 1



Machine 2

→ 2GB
Location DB

5GB → 2GB → Location