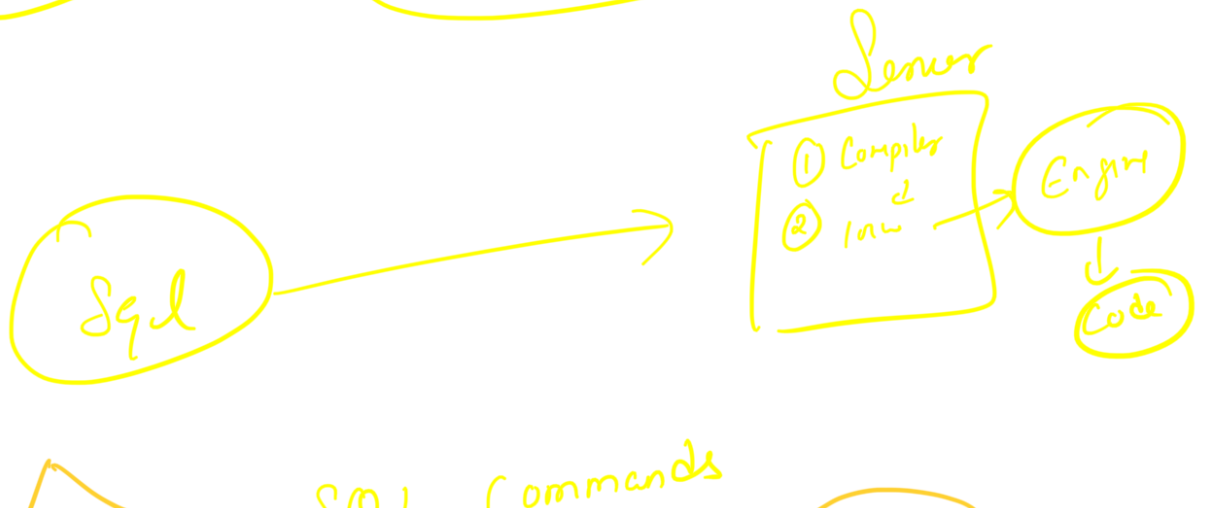
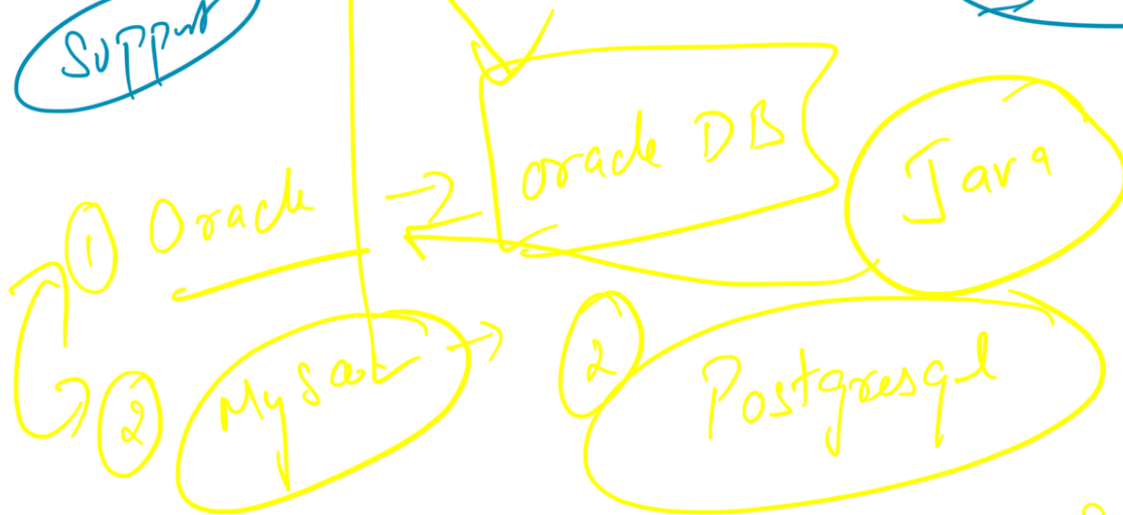
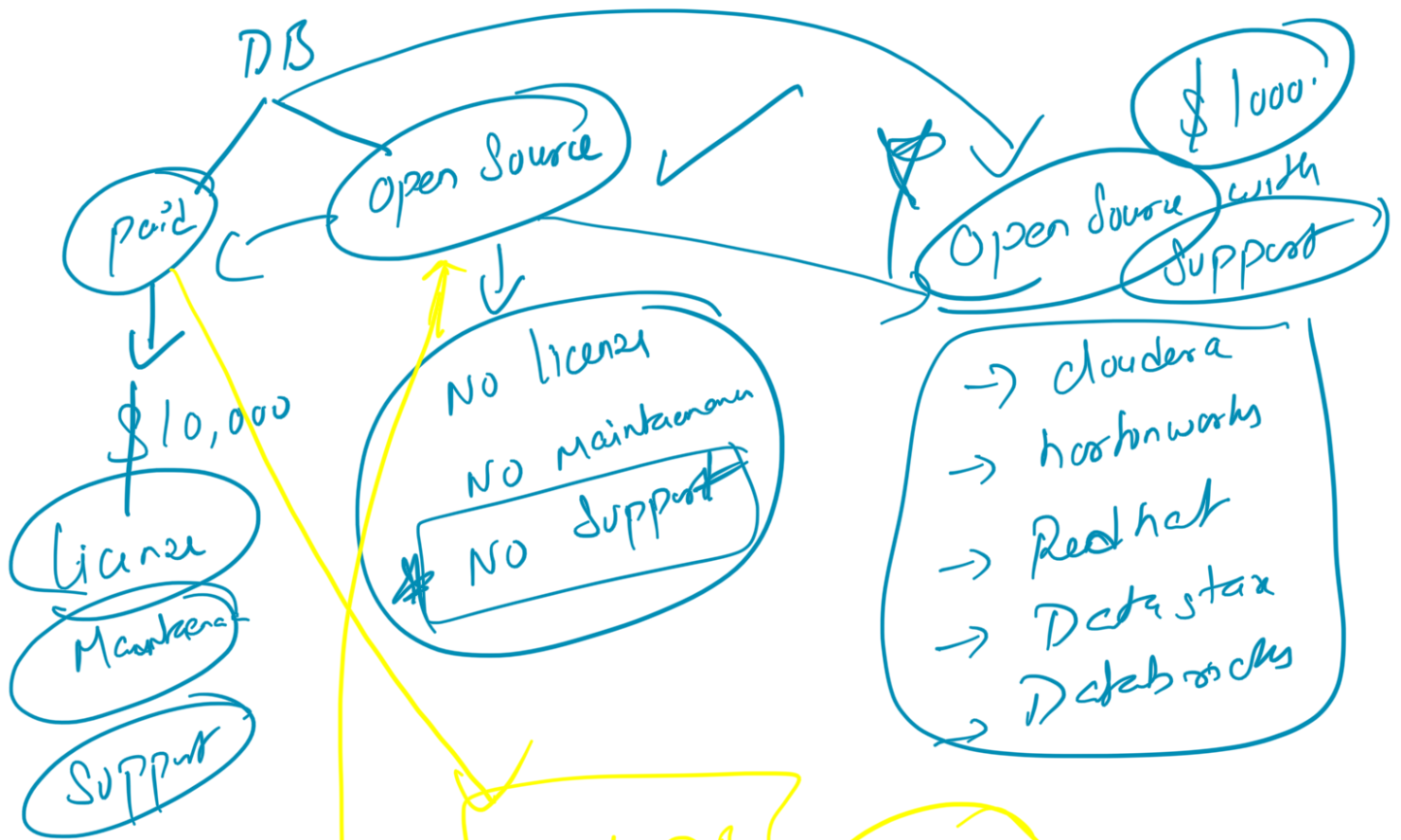
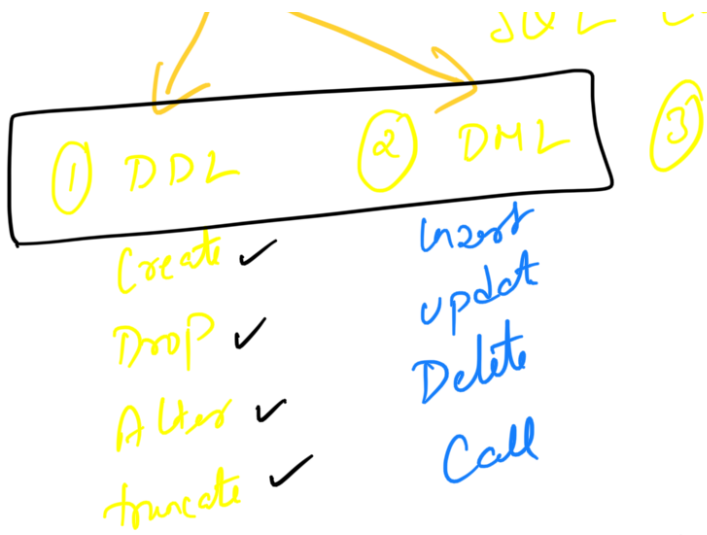


# Agenda

- a. Intro to DDL
- b. Intro to DML

MySQL  
↓





③ TCL  
 Commit  
 Roll back  
 Savepoint

④ DQL  
 Select

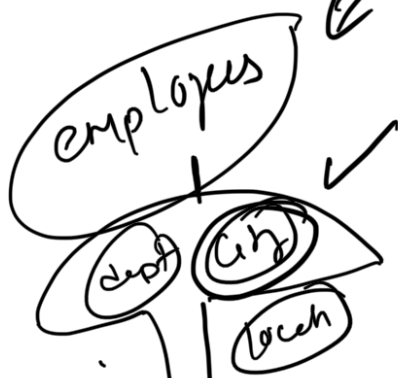
⑤ DCL  
 Grant  
 Revoke

① DDL = Data Definition language  
 used to define the DB Schema.

② DML = Data Manipulation language  
 used to manipulate data within a database.

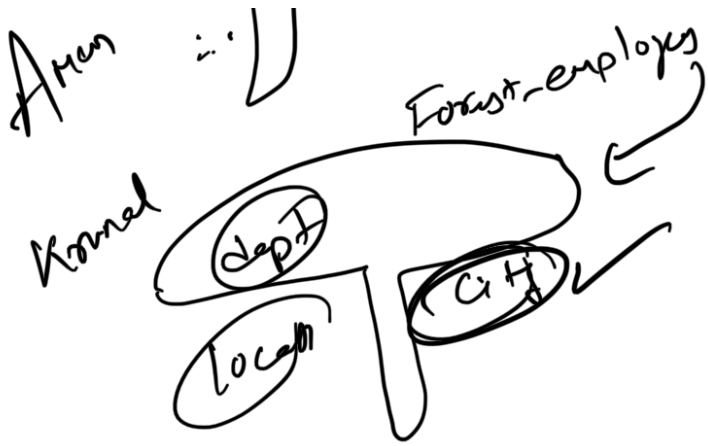
DDL

→ Create

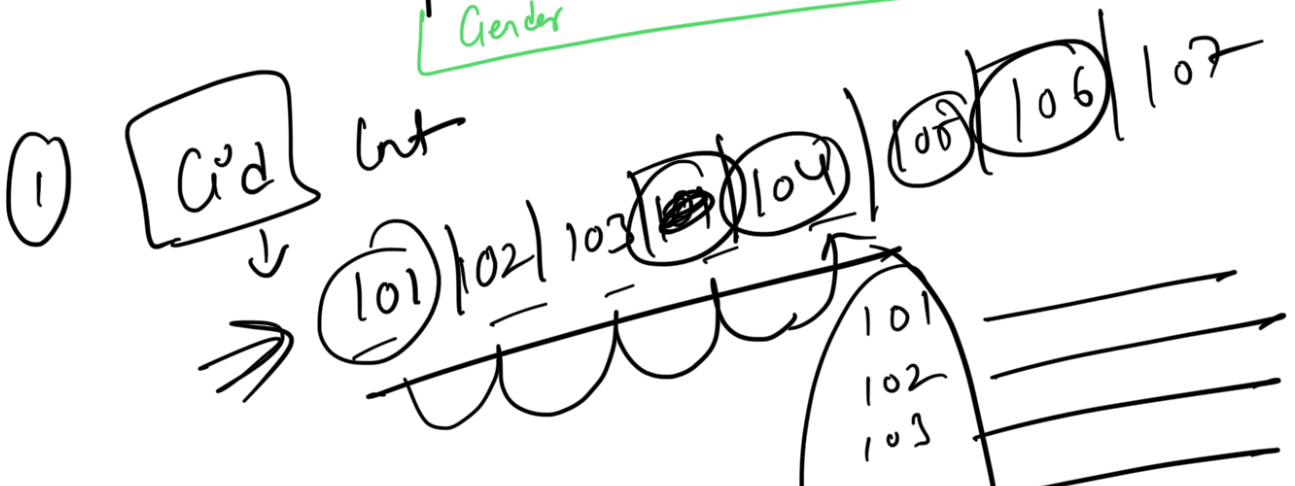
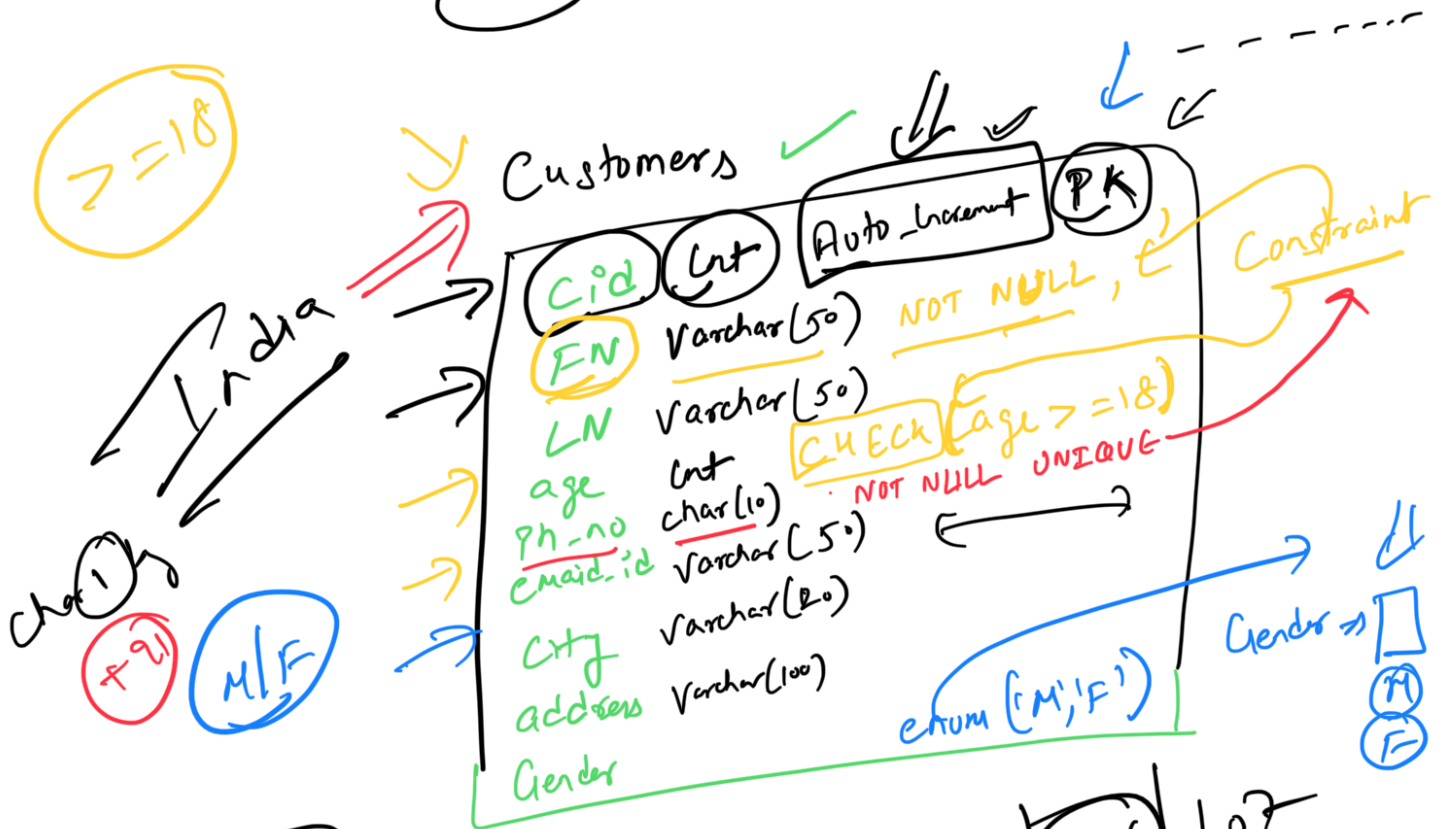


Database = MySQL/PostgreSQL  
 Database (employees/sch)

⇒ Select \* from employees;



Select \* from  
 hr. emp;  
 hr. emp. city;





① UNIQUE = Ensure that all values in a Col are unique.

② NOT NULL = Ensures that a column cannot have a NULL value.

③ PRIMARY KEY = Combination of UNIQUE & NOT NULL

④ CHECK = Ensures that the values in a Col satisfies a specific condition.

age  $\geq 18$

⑤ DEFAULT = Set a default value for a column if no values are specified.

email\_id Default 'Scaler@Scaler.com'

Truncate	Drop	Delete
→ delete all	→ delete all in	→ Delete records based on Conditions

→ remove  
rows  
keeping  
columns intact

→ DDL

data view  
columns  
structure flexible

→ DDL

data view

→ DML