DDL

Create table emp

constraint (emp-eno-pk) ✓

(eno   int   Primary Key ,   constraint emp-ena

ename   varchar(50)   not null   ,

Sal   float   check (Sal > 8000)   ,

tel   varchar (12)   Unique   ,

Dno   int   references Dept(Dno)) ;

F.K ───── datatype ──────────→ P.K

DB Constraints

① Primary Key ⟨ unique / nn

② Foreign Key → match one value ref PK
   ↓
   Referential Integrity → Null Rule

③ DataType

④ Unique ⟩ Candidate Keys
⑤ Not null
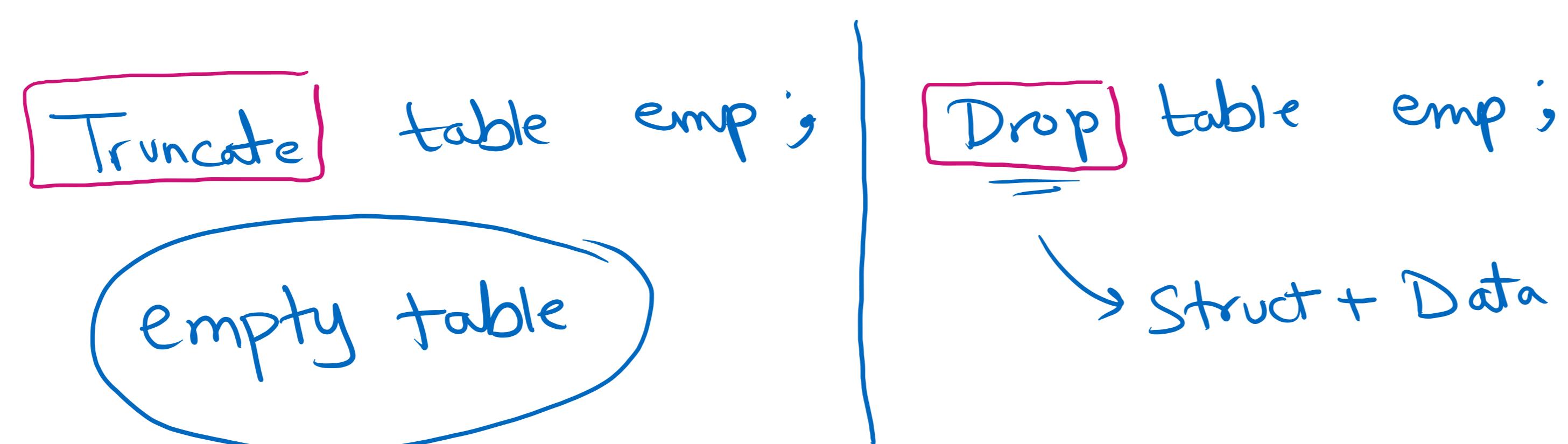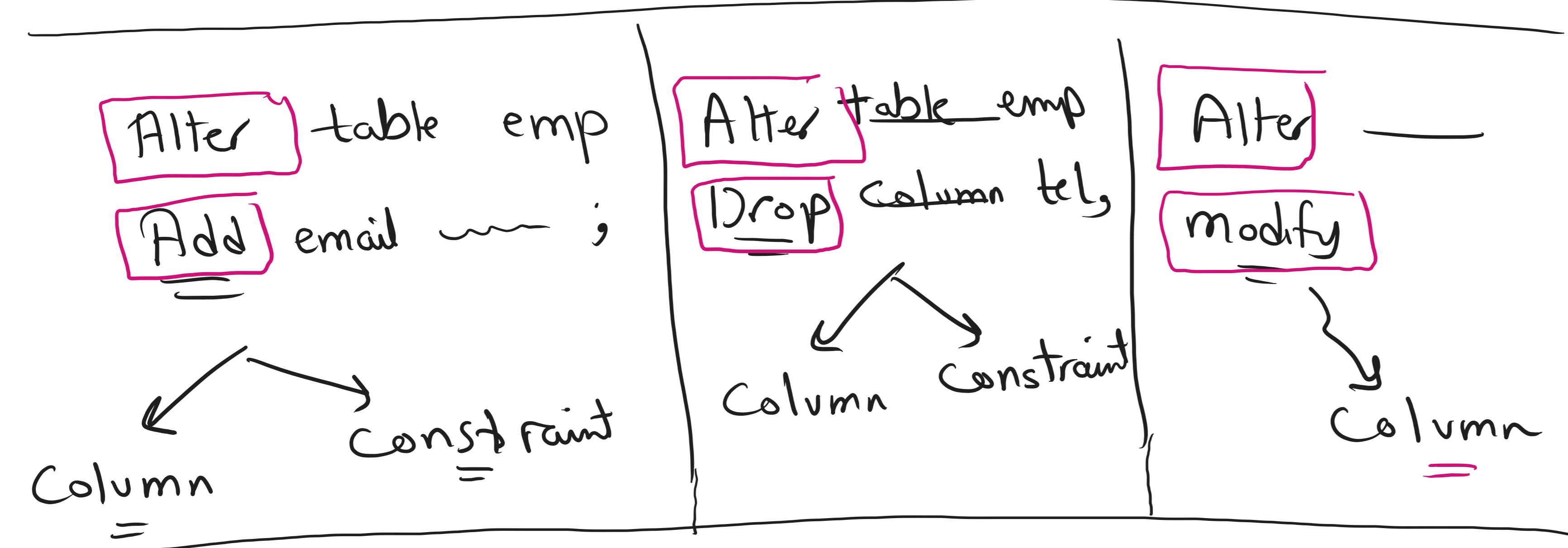
⑥ check (user defined Constr.)

Create table grade

(cid   int   references Courses(cid) ,

Sid   int   references Students (sid) ,

grade   float ,

Primary Key (cid, sid)) ;

Drop table emp ;

Alter table emp
Add email ─── ;

    Column   Constraint

Alter table emp
Drop Column tel ,

    Column   Constraint

Alter ───
modify

        Column

Truncate table emp ;

(empty table)

Drop table emp ;

↘ Struct + Data

DML (Delete from emp)

– rollback allowed

– Where "

DDL (Truncate)

– Faster

– Reset autoincrement

} empty table