

Relational operation

Union

select * from T1 → 60

union

select * from T2 → 20

Union All

T1



T2



T1

name	age
A	13
B	14
C	15

T2

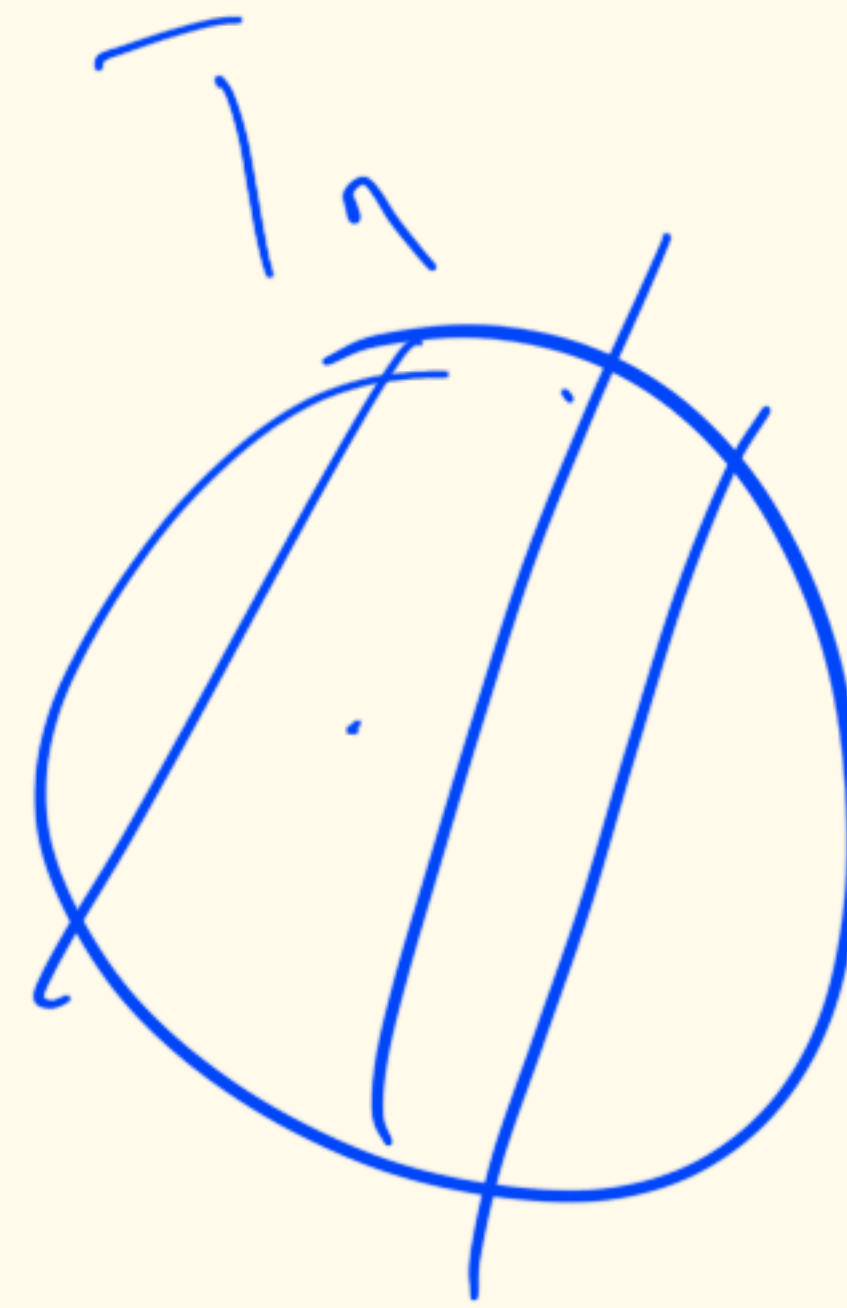
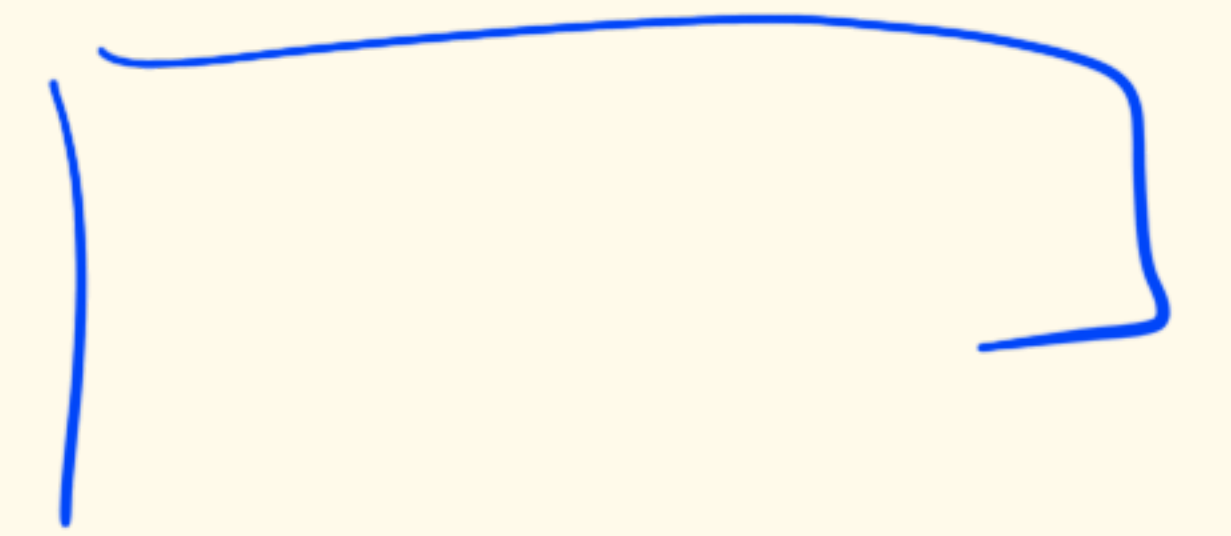
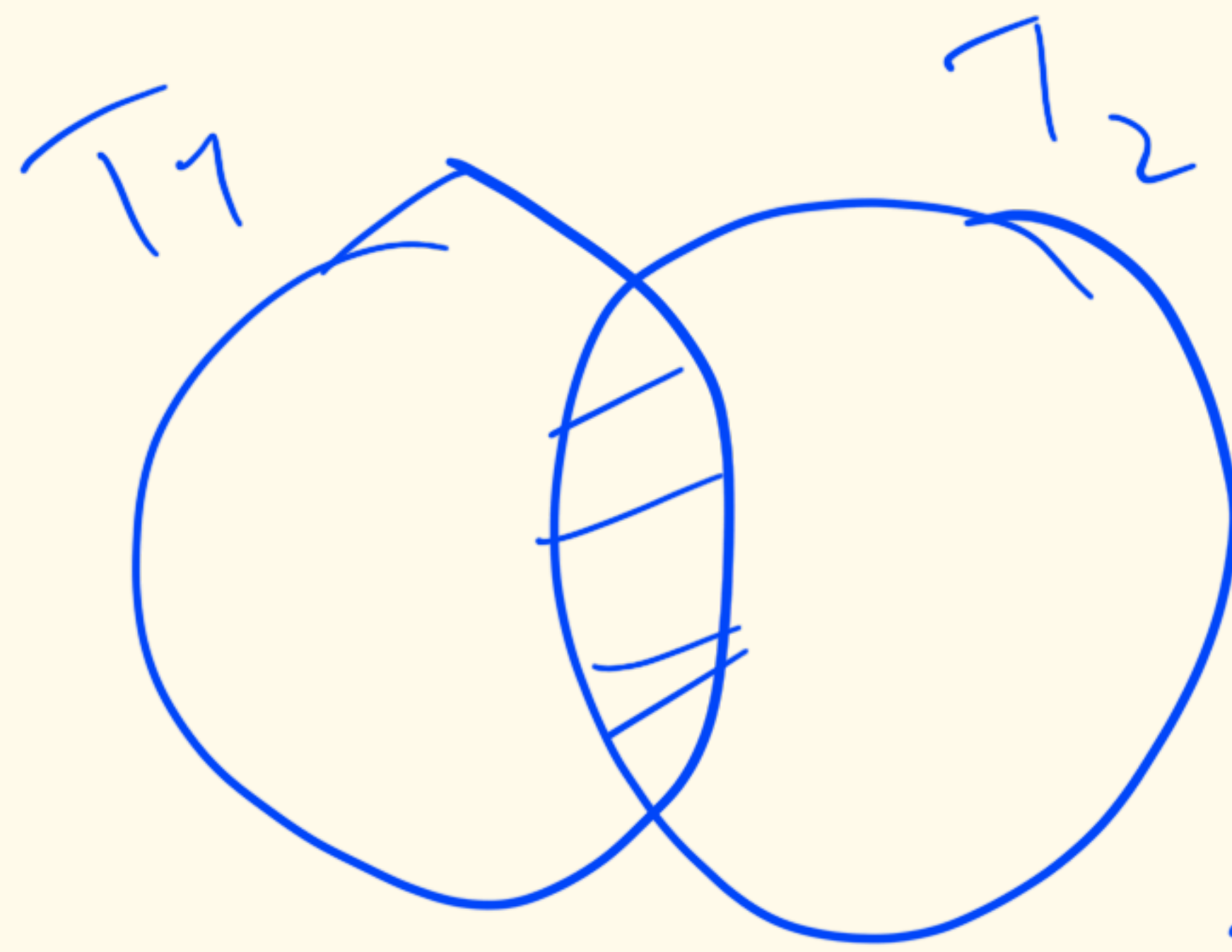
name	age
C	15
D	16
C	12

Inherent

T_1

Except

T_2



Join

Select *

from emp

emp_dept

where

emp.emp_id = emp_dept.emp_id

equi-join

Roll-join

select *

from

emp

Roll Join

dept

from emp

Roll Join

dept

select *

from emp e

join emp_dept ed

on e.emp_id = ed.emp_id

using emp_id

employees (name emp_id) → emp_dept
(name dept_id)

department

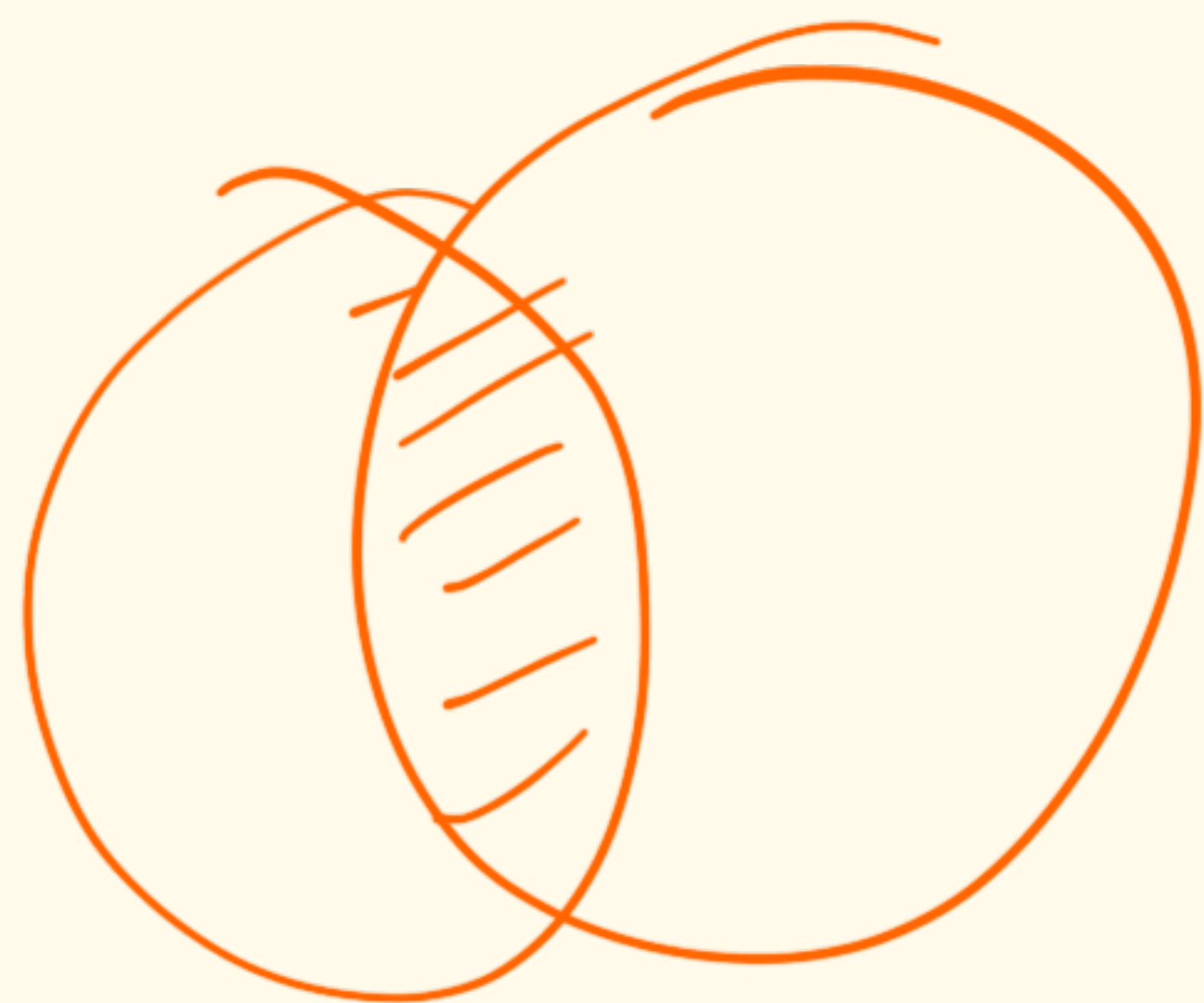
emp_no

dept_no

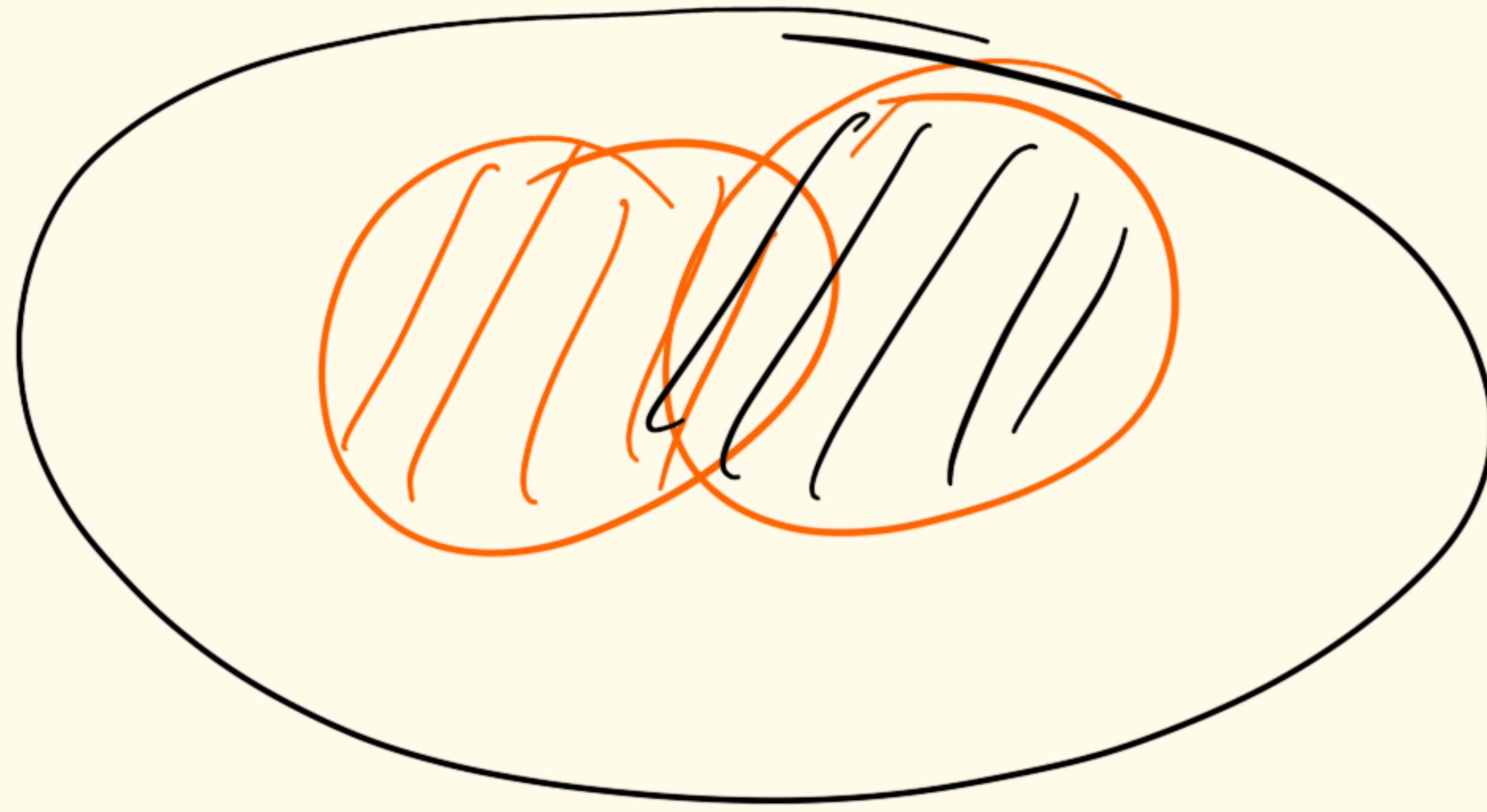
employees.emp_no =

emp_dept.emp_no

department.dept_no
= emp_dept.dept_no



left out for



(select emp_no from employees where emp_no between 1000
and 2000 //

select * from emp_dept where emp_no in (...)

(select Mat (emp_no) from empby) →



select

Not IN

All, some, any

where salary

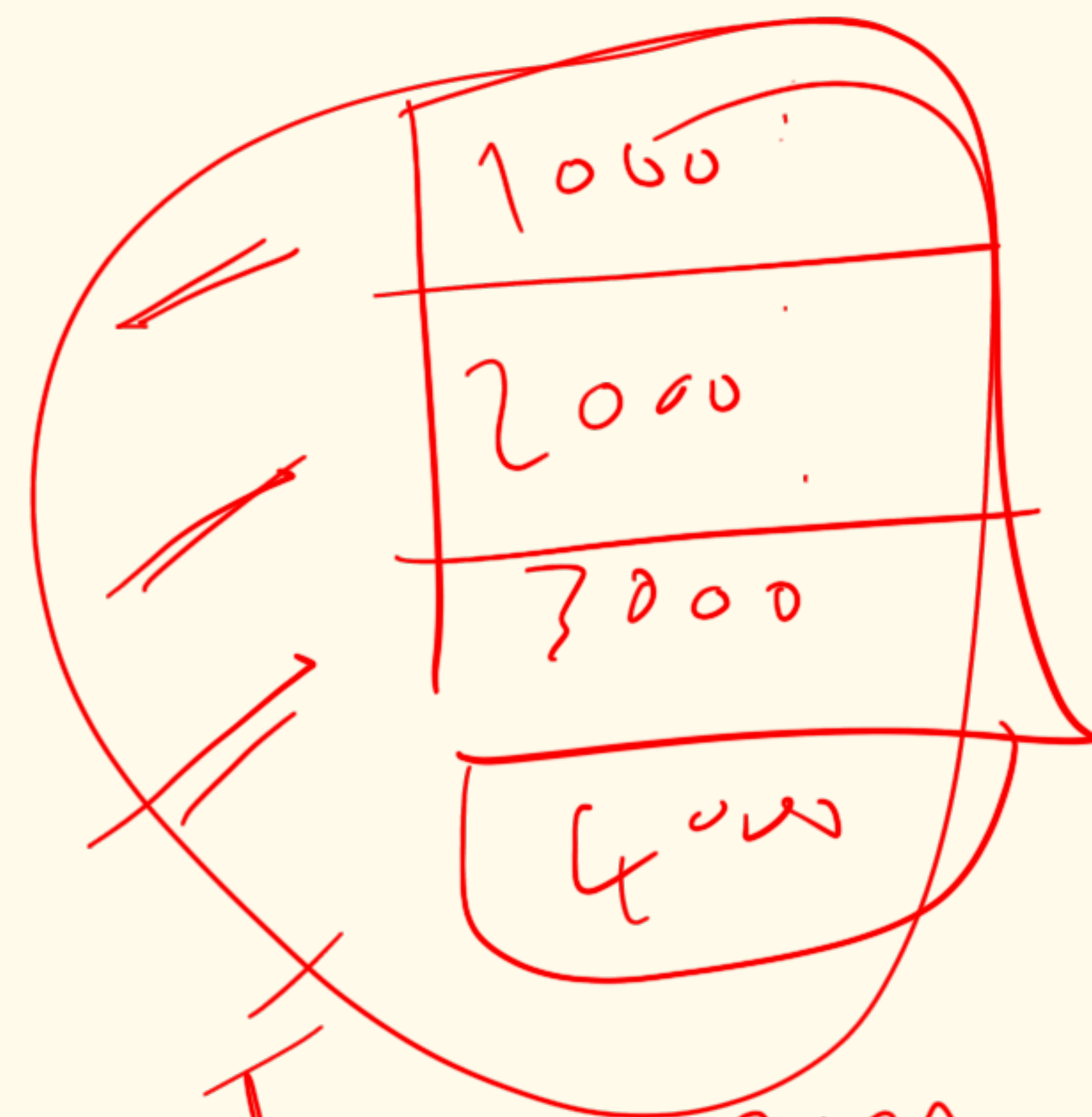
All (

select salary from — — —

(where emp_no for
Having Count (*)
> 100

where count(*) > 1000

Select * from T1
where salary > All (



1000
2000
3000
4000

Any

Some select * from dept_emp

Exists

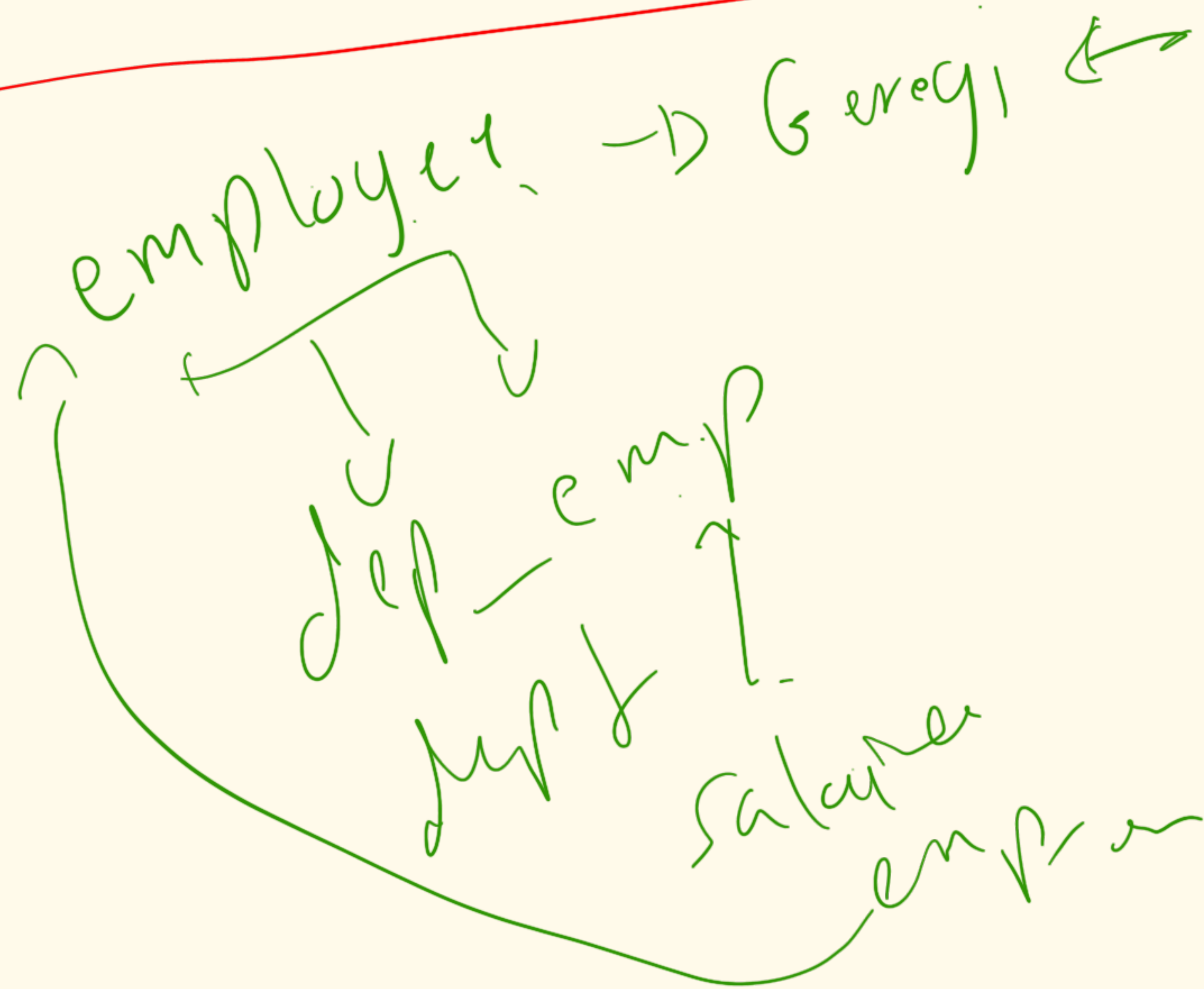
where exists

not exists

Select * from T1
where dept_name
does

Where $= > < < >$

Gerogi \rightarrow den



Gerogi ✓

name of dept. ✓

Salaries ✓

AUG - Salaries

DCL (Data Control Language)

Create user

Grant select
insert

on table

to user

Drop user 'user'

||

Drop Role 'role'

create the T1 (Id Integer, price idum) /

create domain price -dim Integer

check (price ≥ 0 and price ≤ 10000)

~~Up Nat Id~~

name

dd

Id

new Id

gl translator

und also

Radikal

sehr

Not-