Leetcode SQL answers:

Sorting and Grouping

Ans 1. select teacher_id, count(distinct subject_id) as cnt
from teacher
group by teacher_id

Ans 2. select
activity_date AS day,
count(DISTINCT user_id) AS active_users
from activity
where activity_date between '2019-06-28' and '2019-07-27'
group by day

Ans 3. select p.product_id, s.year as first_year, s.quantity, s.price
from sales s left join product p
on s.product_id=p.product_id
where (s.product_id, s.year) in
(select product_id, min(year)
from sales
group by product_id)

Ans 4. select class
from courses
group by class
having count(student)>=5

Ans 5. Select user_id, count(distinct follower_id) as followers_count
from followers
group by user_id
order by user_id

Ans 6. select max(num) as num
from (select num, count(num) as countnum
from mynumbers
group by num) as nested
where nested.countnum=1

Ans 7. select c.customer_id
from customer c
group by customer_id
having count(distinct c.product_key)=(select count(distinct product_key) from
product)