

Leetcode SQL answers:

Subqueries

```
Ans 1. select employee_id
from employees
where salary<30000
and employees.manager_id not in (select employee_id from employees)
order by employee_id
```

```
Ans 2. select
id,
case when (id%2=0) then lag(student) over(order by id)
else coalesce(lead(student) over(order by id), student)
end as student
from seat
```

```
Ans 3. (select u.name as results
from movierating mr join users u
on u.user_id=mr.user_id
group by mr.user_id
order by count(*) desc, u.name asc
limit 1)
```

union all

```
(select m.title as results
from movierating mr join movies m
on m.movie_id=mr.movie_id
where mr.created_at between '2020-02-01' and '2020-02-29'
group by m.movie_id
order by avg(rating) desc, m.title asc
limit 1)
```

```
Ans 4. select distinct visited_on, sum(amount) over w as amount,
round((sum(amount) over w)/7, 2) as average_amount
from customer
window w as(
    order by visited_on
    range between interval 6 day preceding and current row
)
limit 6, 999
```

Ans 5. with base as(select requester_id as id from RequestAccepted
union all
select acceptor_id as id from RequestAccepted)
select id, count(*) as num from base
group by id
order by num desc
limit 1

Ans 6. select round(sum(tiv_2016), 2) as tiv_2016
from insurance
where tiv_2015 in
(select tiv_2015
from insurance
group by tiv_2015
having count(*)>1)
and (lat, lon) in
(select lat, lon
from insurance
group by lat, lon
having count(*)=1)

Ans 7. select Department, Employee, Salary
from
(select d.name as Department, e.name as Employee, e.salary as Salary,
dense_rank() over(partition by d.name order by salary desc) as rnk
from employee e join department d
on e.departmentId = d.id) as ranking
where rnk<=3