Leetcode SQL answers:

Basic Joins

Ans 1.select eu.unique_id, e.name
from employees e left join employeeuni eu
on e.id=eu.id

Ans 2. select p.product_name, s.year, s.price
from sales s left join product p
on s.product_id=p.product_id

Ans 3. select customer_id, count(visit_id) as count_no_trans
from visits
where visit_id
not in
(select visit_id from transactions group by visit_id)
group by customer_id

Ans 4. select w2.id
from weather w1 cross join weather w2
where DATEDIFF(w2.recordDate, w1.recordDate)=1 and
w2.temperature-w1.temperature>0

Ans 5. select a1.machine_id, round(avg(a2.timestamp-a1.timestamp),3) as
processing_time
from activity a1, activity a2
where a1.activity_type='start'
and a2.activity_type='end'
and a1.machine_id=a2.machine_id
group by machine_id

Ans 6. select e.name, b.bonus
from employee e left join bonus b
on e.empid=b.empid
where bonus<1000 or bonus is null

Ans 7. select s.student_id, s.student_name, sub.subject_name, count(e.student_id)
as attended_exams
from students s cross join subjects sub
left join examinations e
on s.student_id=e.student_id and sub.subject_name=e.subject_name
group by student_name, subject_name
order by student_id, subject_name

Ans 8. select e1.name from employee e1 join
(select managerid, count(id) as managercount
from employee
group by managerid) as e2
where e2.managercount>=5 and e2.managerid=e1.id

Ans 9. select s.user_id,
round(avg(if(c.action='confirmed',1,0)),2) as confirmation_rate
from Signups s
left join confirmations c
on c.user_id=s.user_id
group by user_id