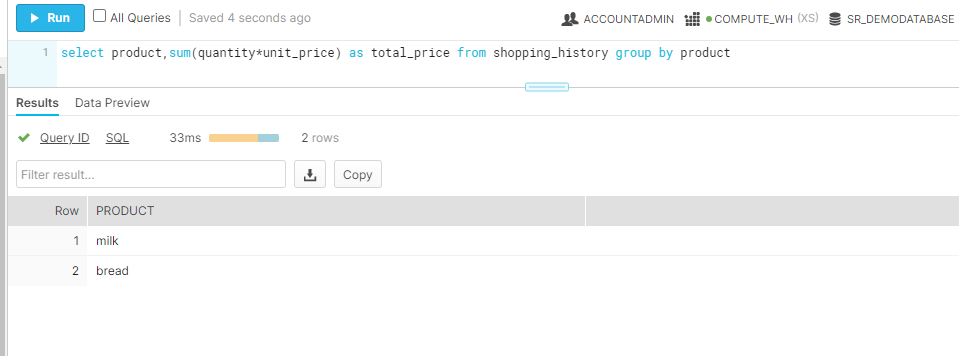
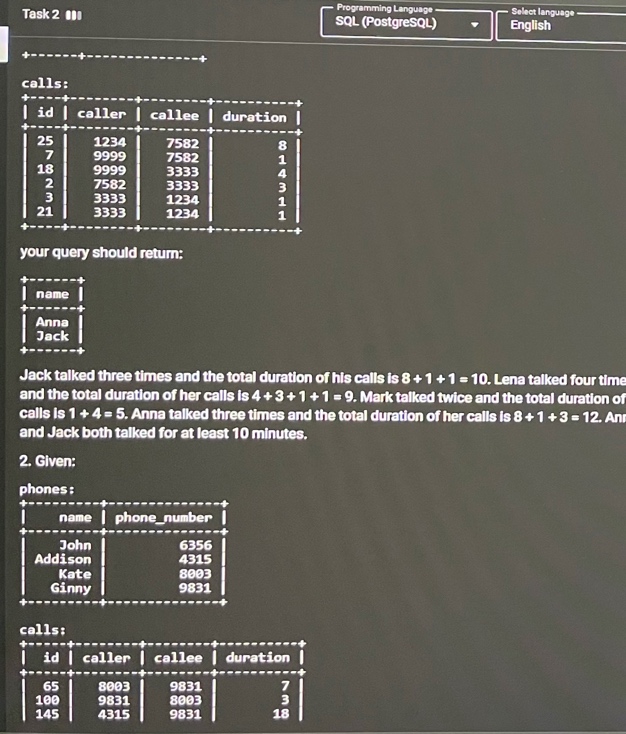
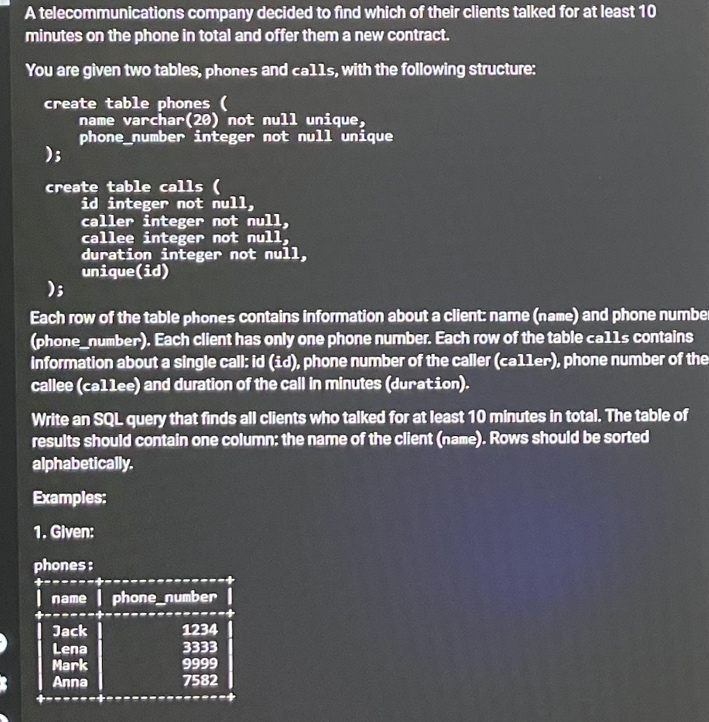
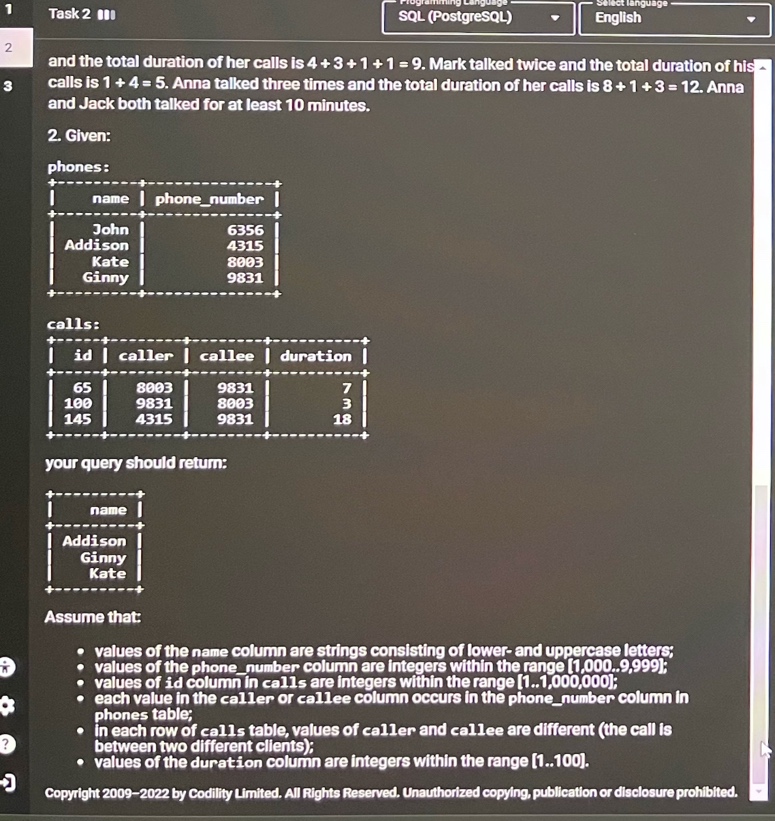


Solution : select product,sum(quantity\*unit\_price) as total\_price from shopping\_history group by product

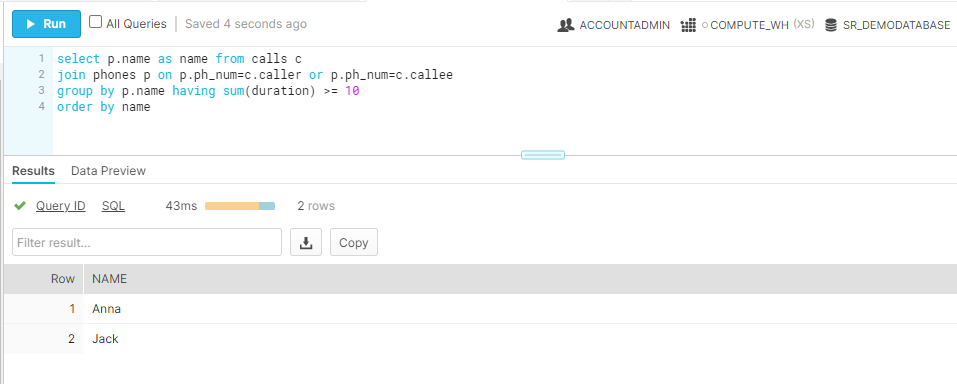


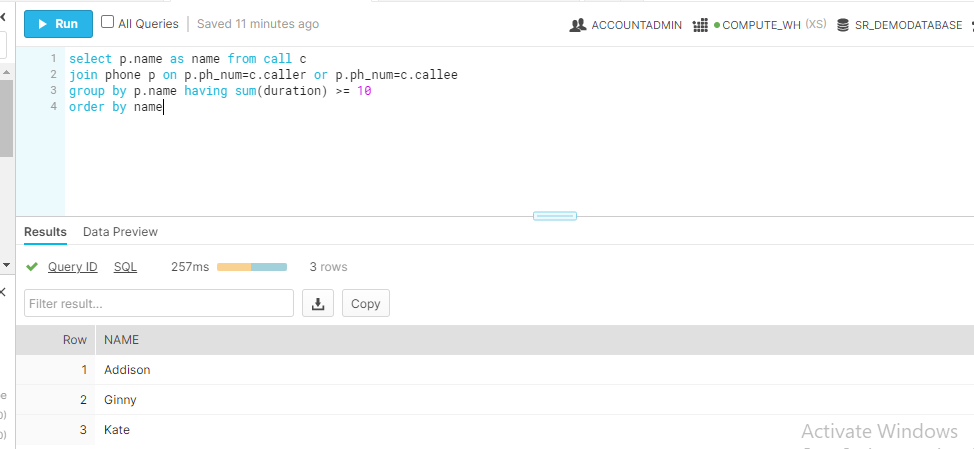
Task 2:

****



Solution :





Solution :

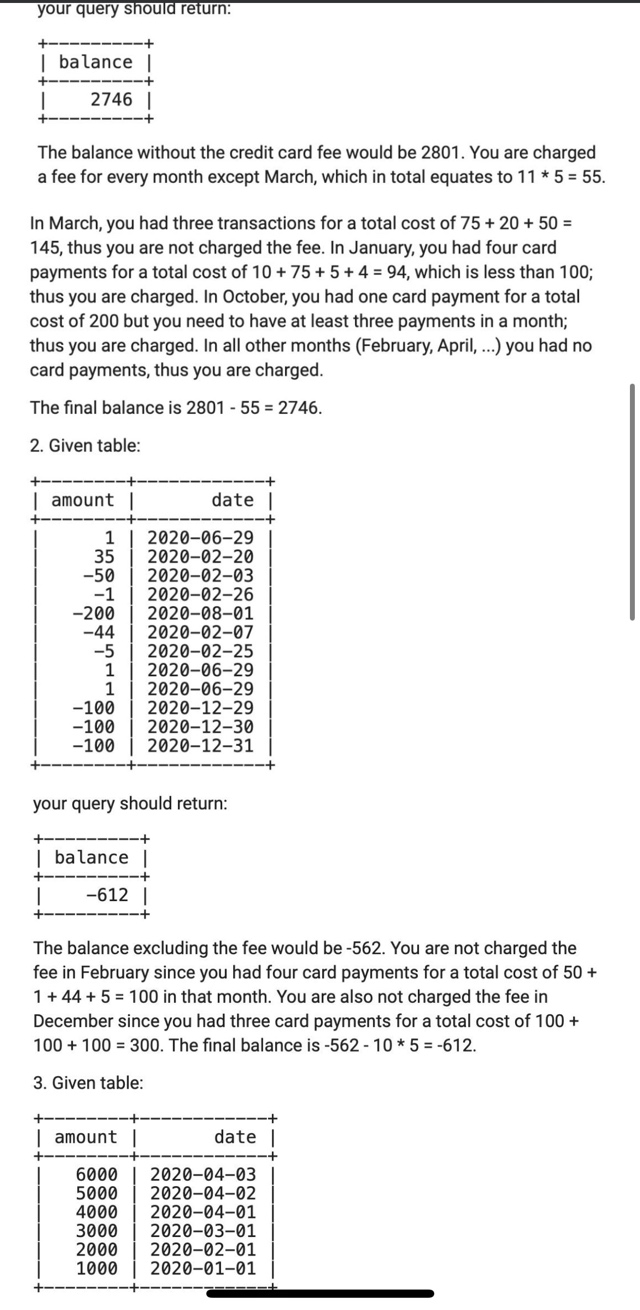
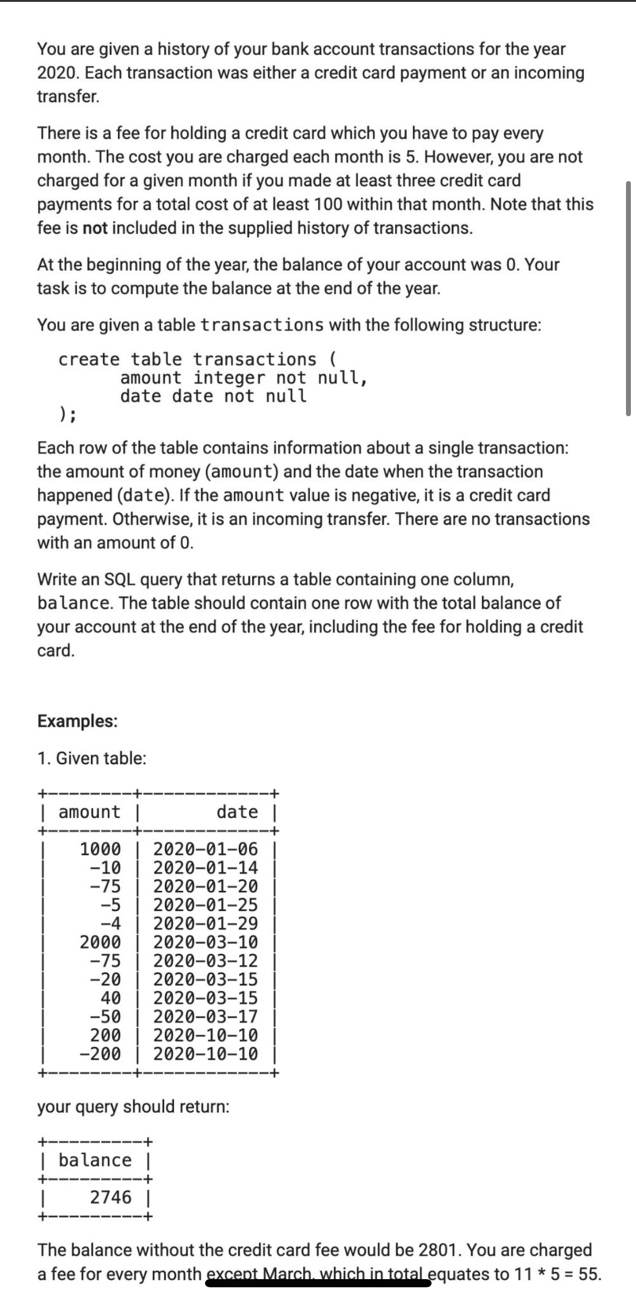
select p.name as name from call c

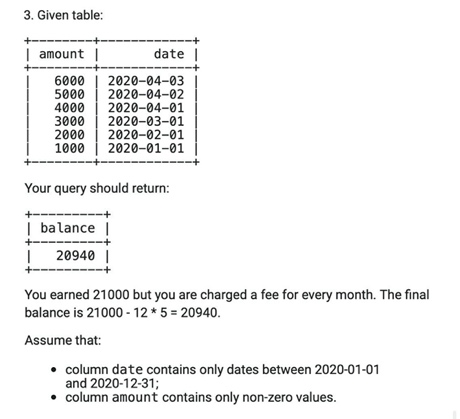
join phone p on p.ph\_num=c.caller or p.ph\_num=c.callee

group by p.name having sum(duration) >= 10

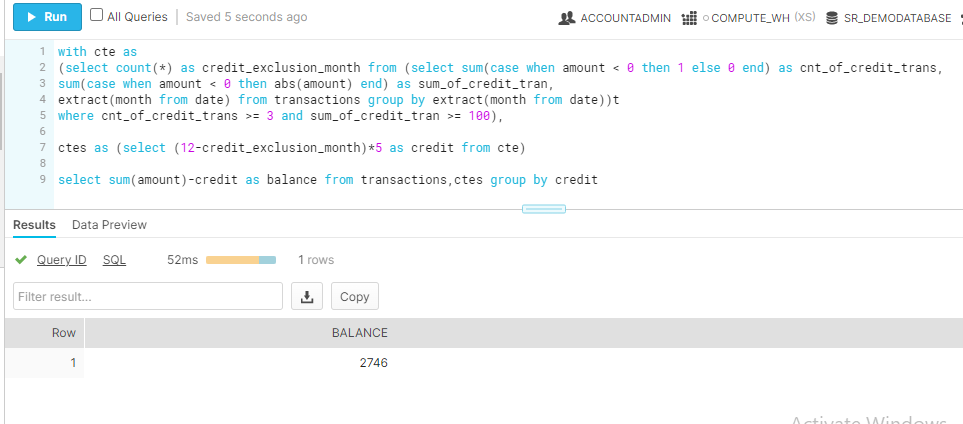
order by name

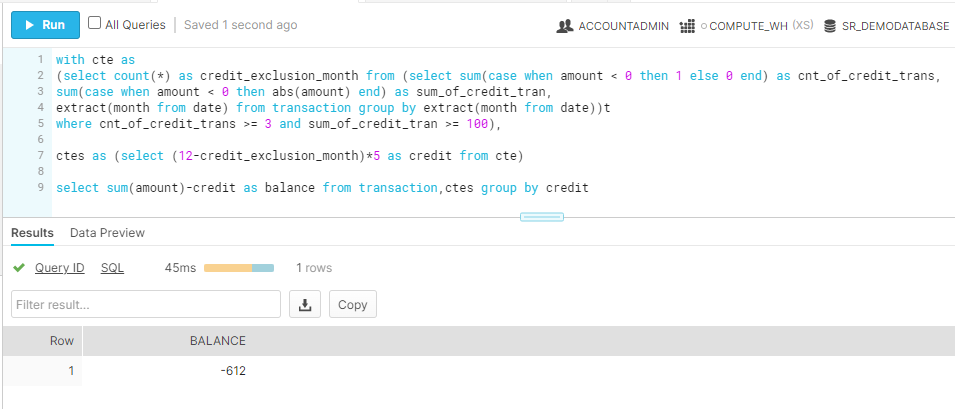
Task 3:

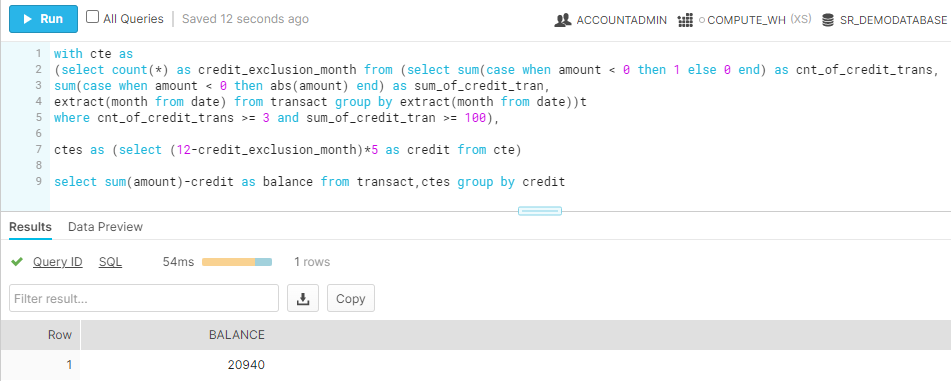
****

****

Solution :







Solution :

with cte as

(select count(\*) as credit\_exclusion\_month from (select sum(case when amount < 0 then 1 else 0 end) as cnt\_of\_credit\_trans,

sum(case when amount < 0 then abs(amount) end) as sum\_of\_credit\_tran,

extract(month from date) from transact group by extract(month from date))t

where cnt\_of\_credit\_trans >= 3 and sum\_of\_credit\_tran >= 100),

ctes as (select (12-credit\_exclusion\_month)\*5 as credit from cte)

select sum(amount)-credit as balance from transact,ctes group by credit