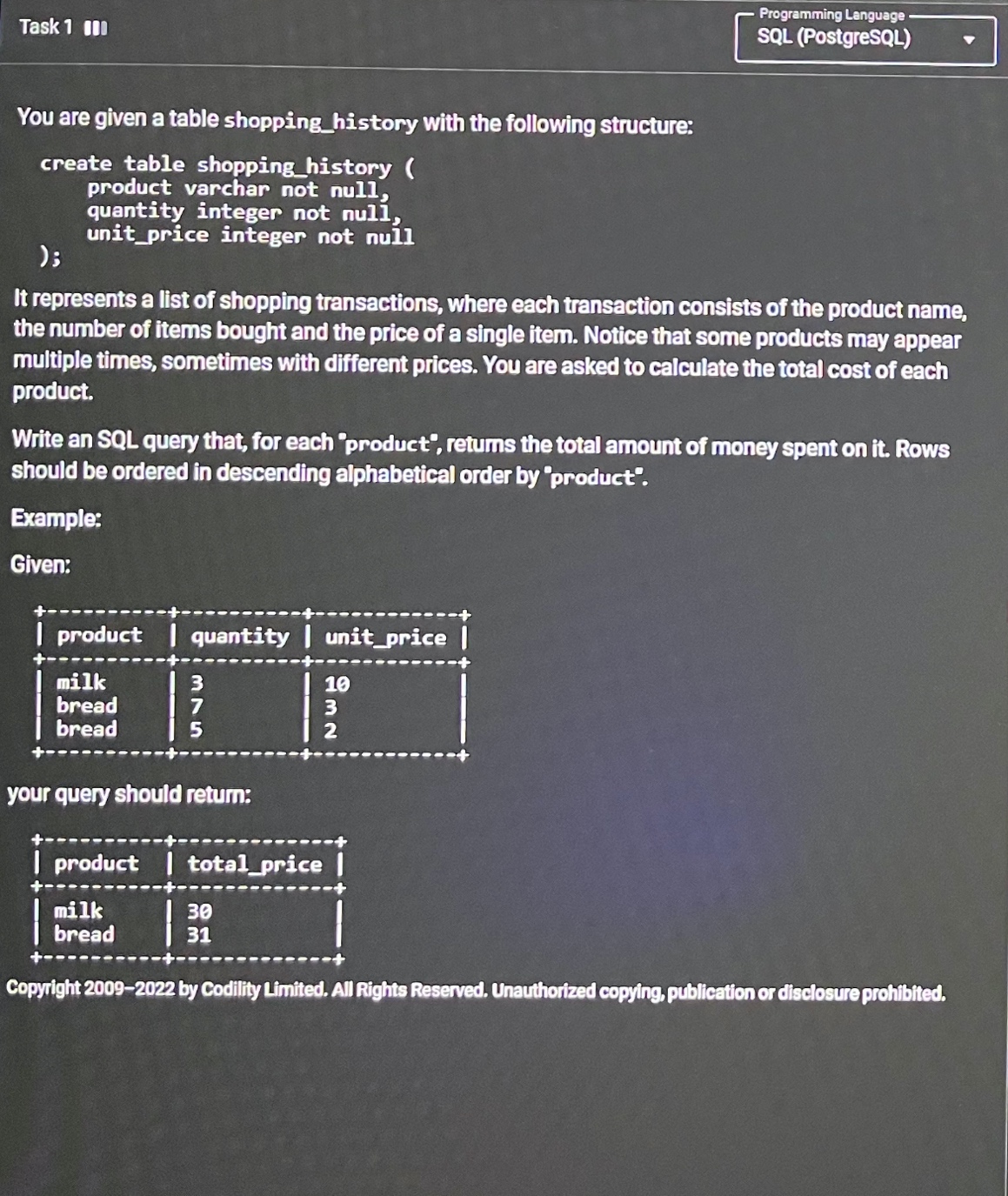
Create the following table structure in SNOWFLAKE by creating your own warehouse. Insert some 10 rows using INSERT command (check task 3 and same way insert for all task tables) in the table by trying different values for all the columns and then check using SELECT \*

Once data is loaded, performed the below task

**Task 1:**



Ans:

select product,

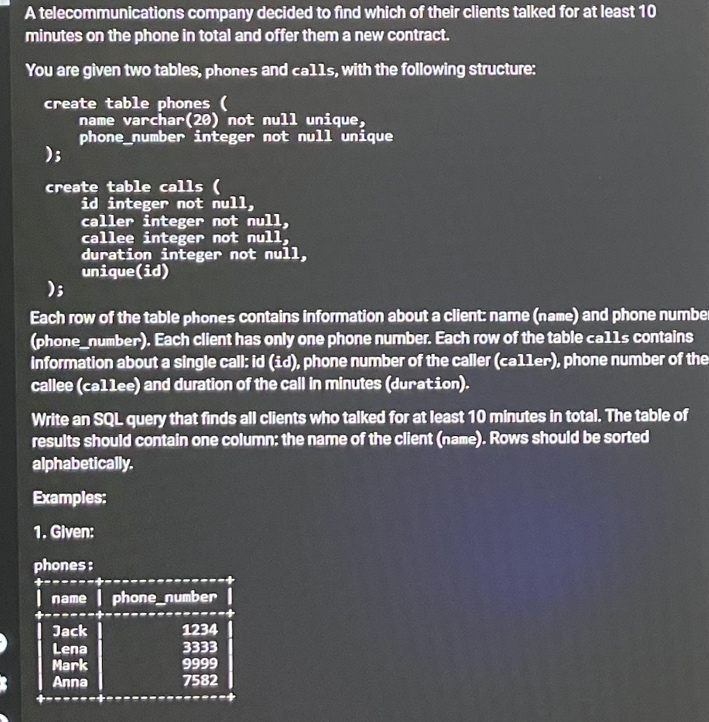
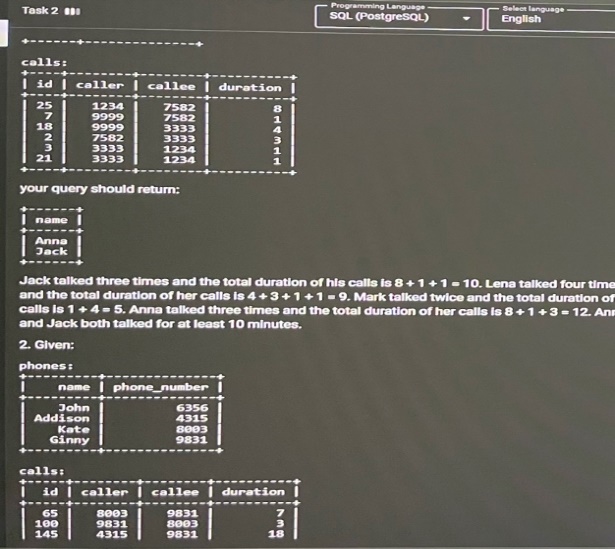
quantity\*unit\_price as Total\_Price

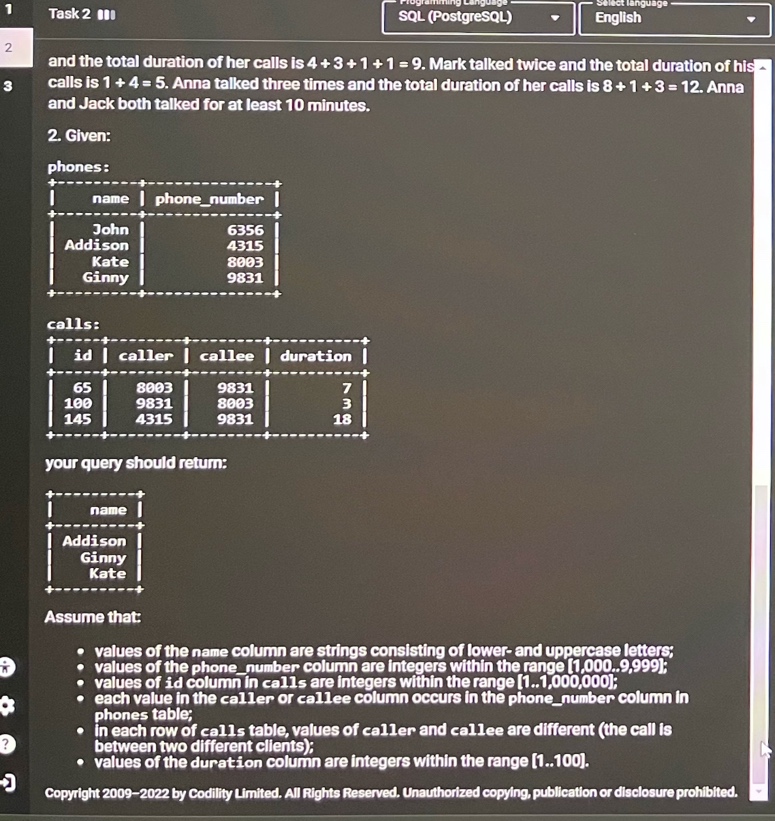
from shopping\_history

group by product

order by total\_price desc;

**Task 2:**

** **



**Ans:**

**with call\_duration as (**

**select caller as phone\_number, sum(duration) as duration from calls group by caller**

**union all**

**select callee as phone\_number, sum(duration) as duration from calls group by callee**

**)**

**SELECT name**

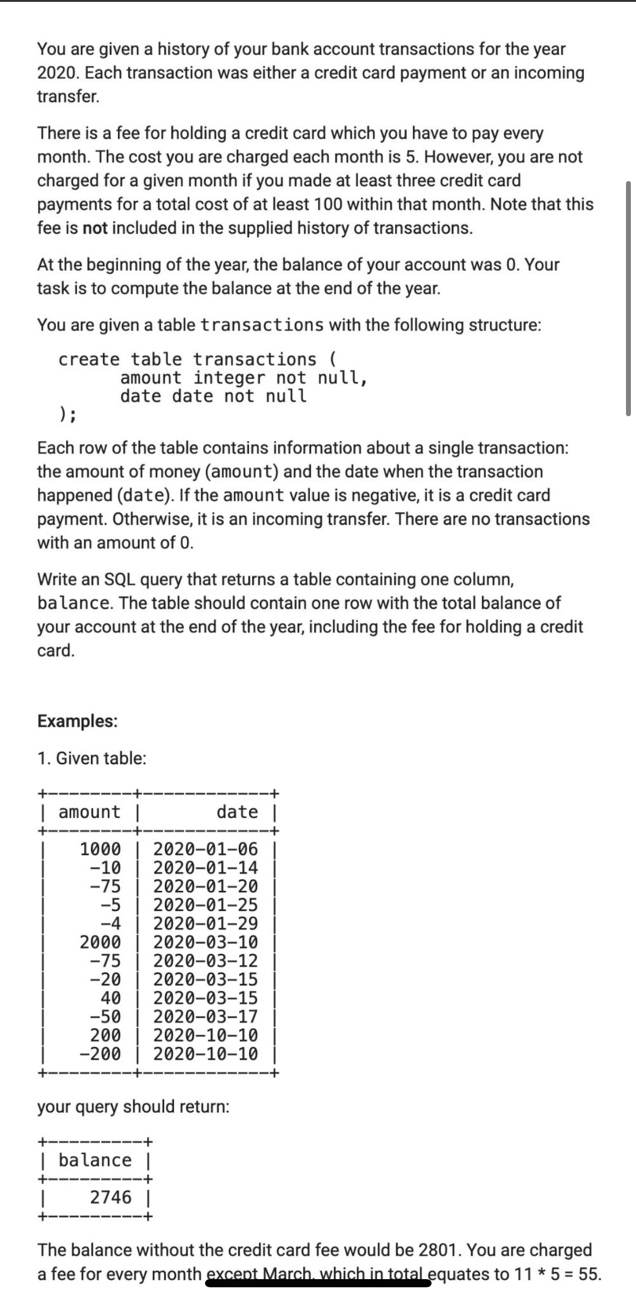
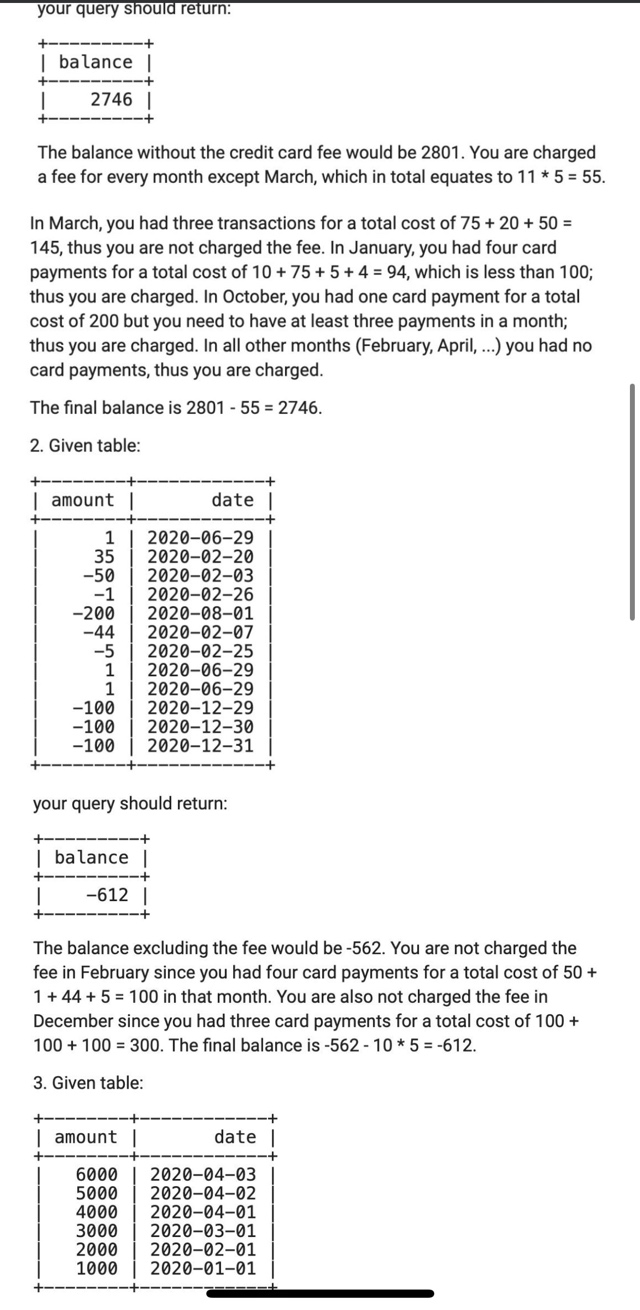
**FROM phones p join call\_duration cd on cd.phone\_number = p.phone\_number**

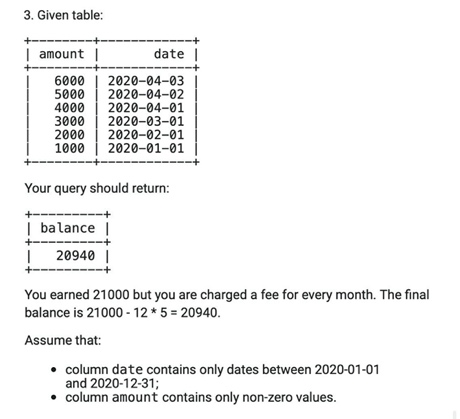
**GROUP BY name**

**HAVING SUM(duration) >= 10**

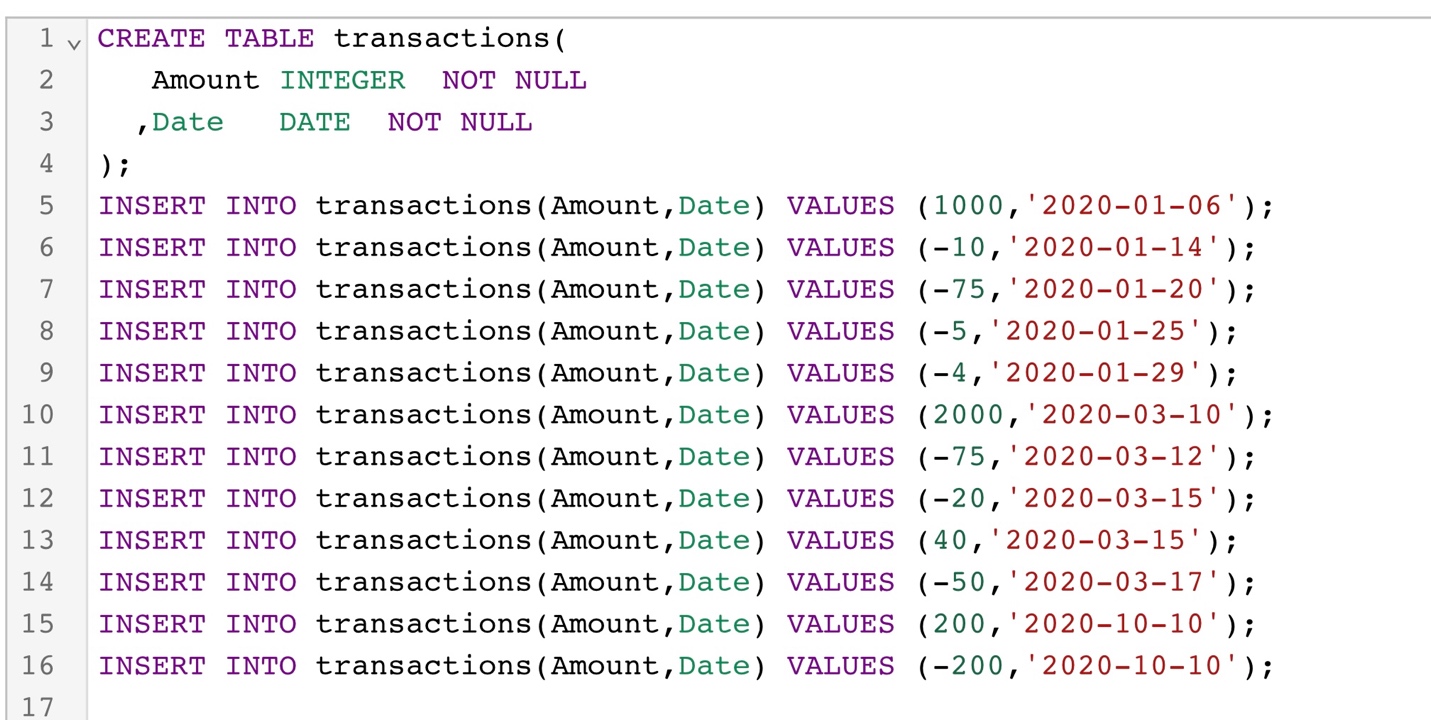
**ORDER BY name**

**Task 3:** **Output display is just one column balance**

** **

****

You can add the following data in the table



Select ( sum(a.total) - (12- count(b.cnt ))\*5 ) as result From

(Select sum(amount) as total , 'A' as name from transactions ) as a left join

(Select count(amount) as cnt , 'A' as name

From transactions

where amount <0

group by month(date)

having not(count(amount) <3 or sum(amount) >-100) ) as b

on a.name = b.name