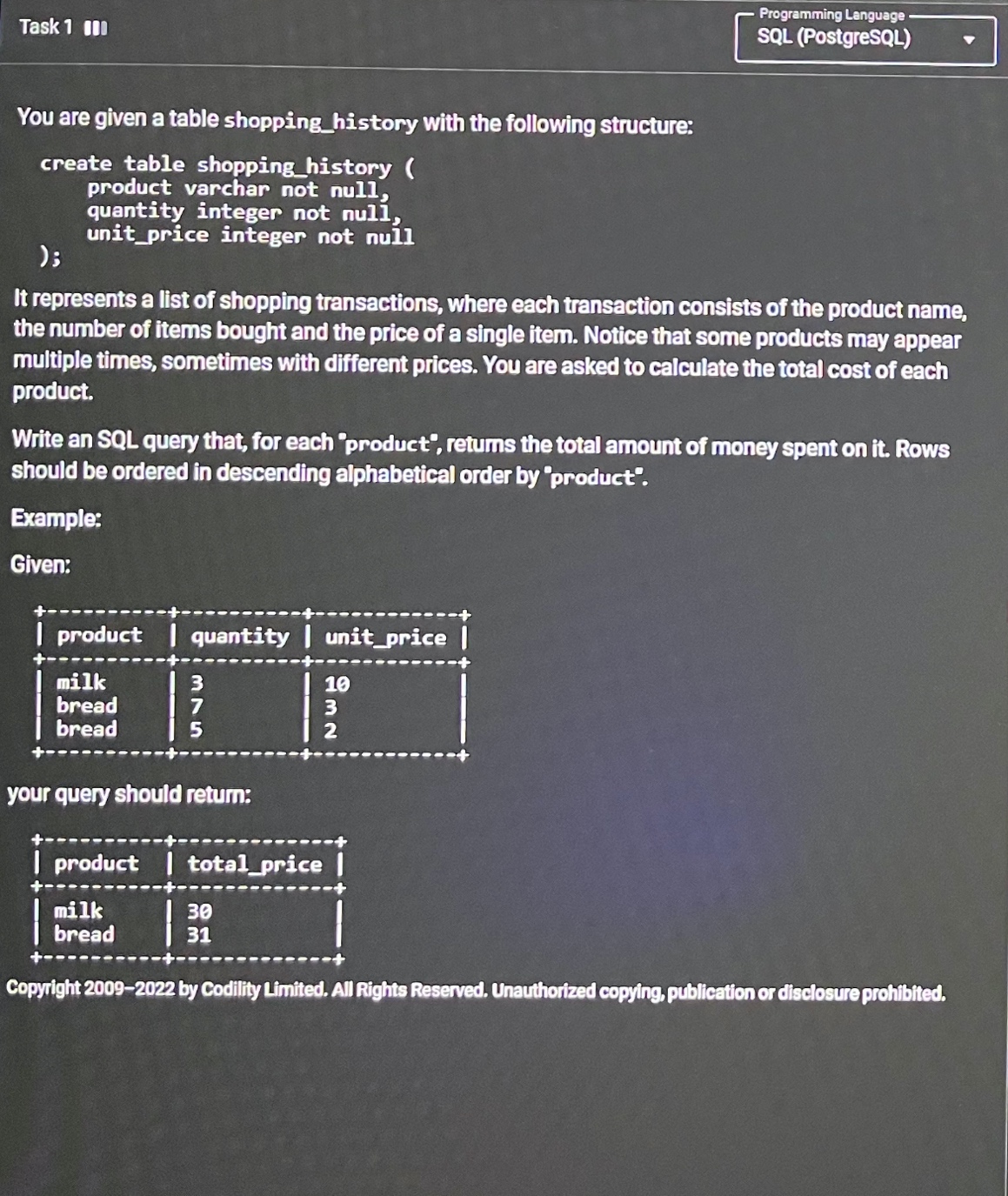
Create the following table structure in SNOWFLAKE by creating your own warehouse. Insert some 10 rows using INSERT command (check task 3 and same way insert for all task tables) in the table by trying different values for all the columns and then check using SELECT \*

Once data is loaded, performed the below task

**Task 1:**

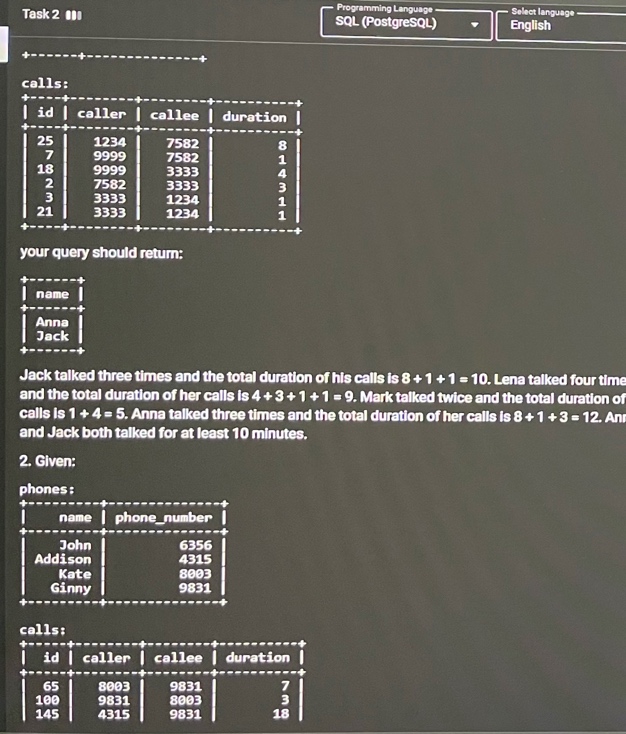
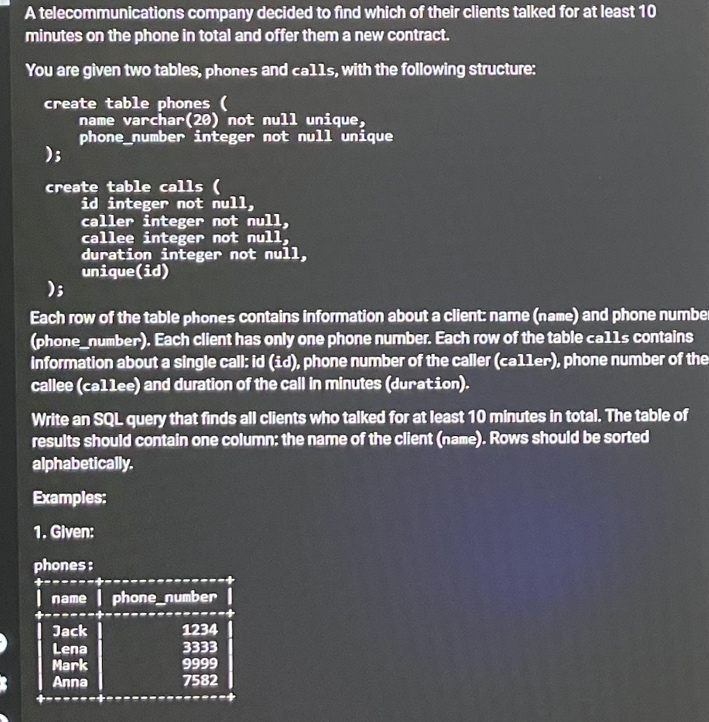


**Query:**

SELECT PRODUCT,SUM(QUATITY\*UNIT\_PRICE) AS TOTAL\_AMOUNT FROM SHOPPING\_HISTORY ;

GROUP BY PRODUCT ORDER BY PRODUCT DESC ;

**Task 2:**

****

**Query:**

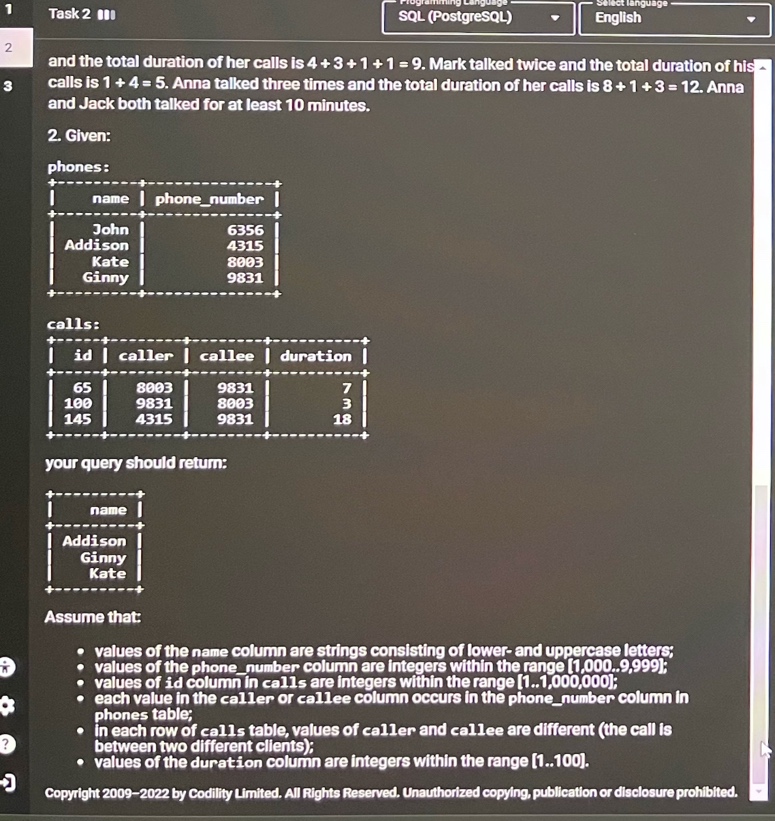
SELECT PHONE.NAME FROM PHONE

INNER JOIN CALLS ON

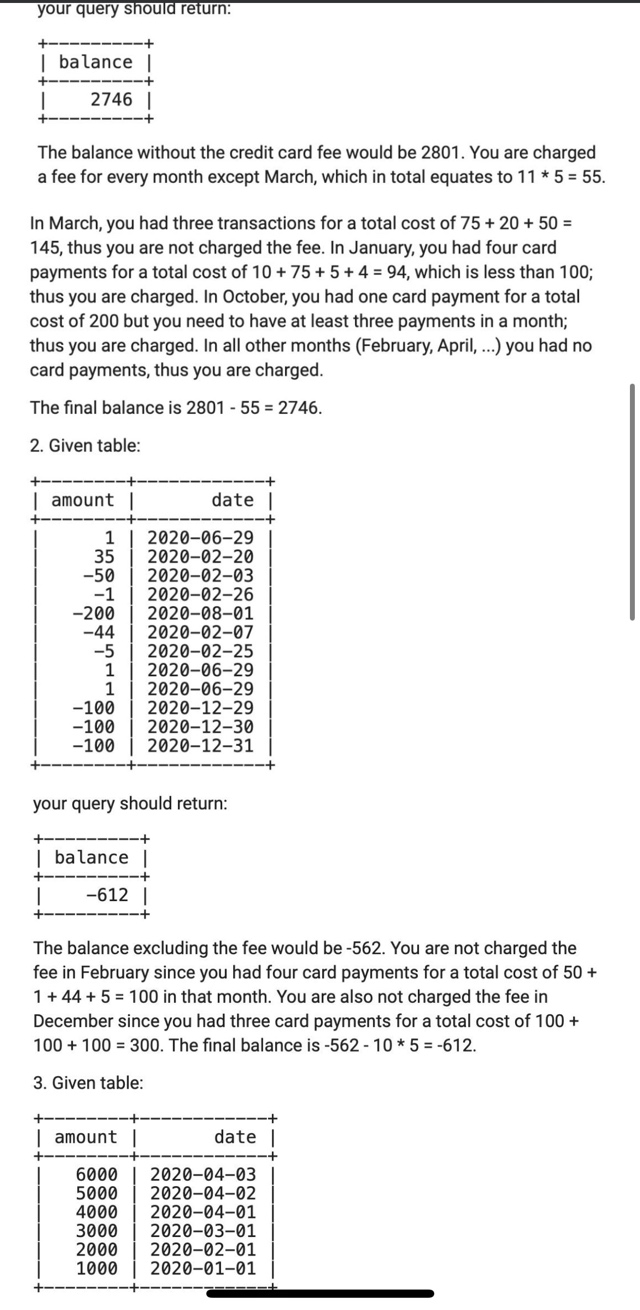
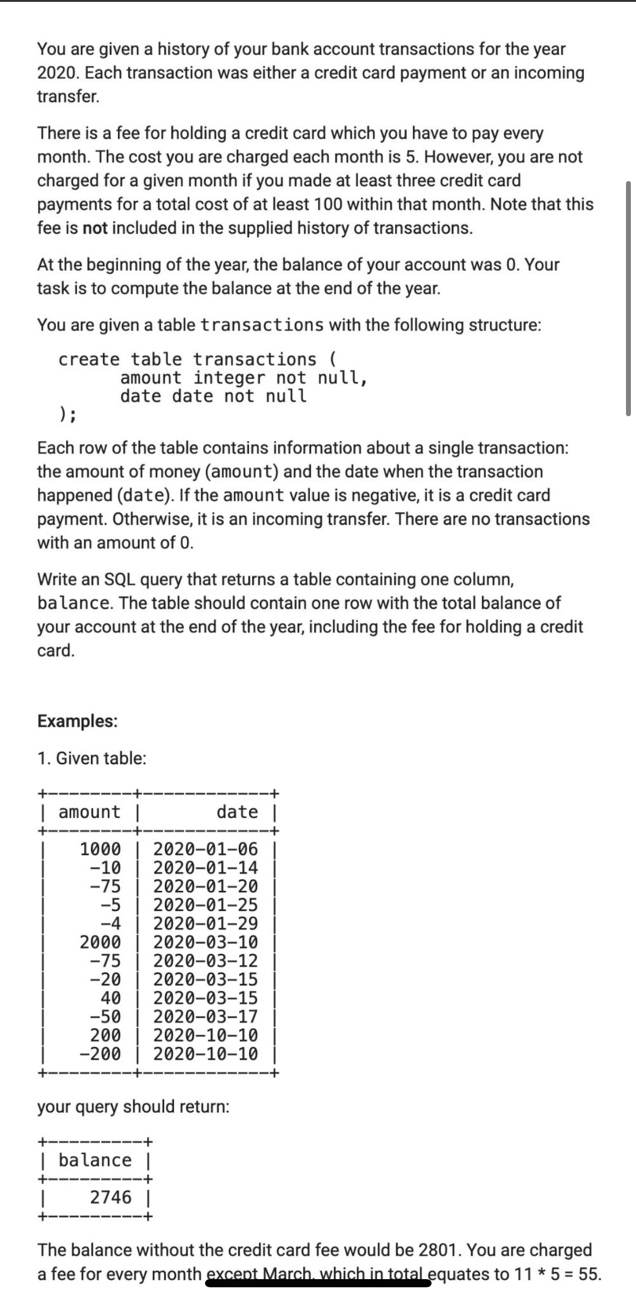
PHONE.PHONE\_NUMBER=CALLS.CALLER OR PHONE.PHONE\_NUMBER=CALLS.CALLEE

GROUP BY PHONE.NAME

HAVING SUM(CALLS.DURATION)>=10;



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

****

**Query:**

**SELECT SUM(AMOUNT)- SUM(CASE**

**WHEN EXTRACT(MONTH FROM DATE) != 3 THEN 5**

**ELSE 0**

**END) AS TOTAL\_FEE**

**FROM TRANSACTIONS;**

**Query:**

**SELECT SUM(AMOUNT)- SUM(CASE**

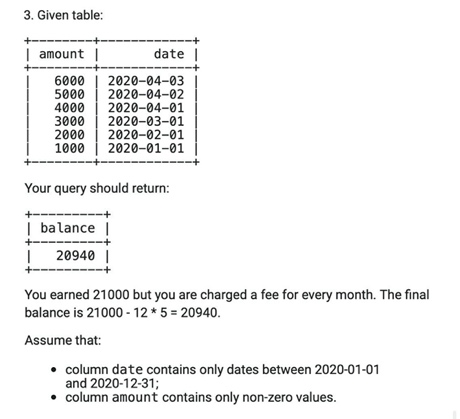
**WHEN EXTRACT(MONTH FROM DATE) != 2 THEN 5**

**WHEN EXTRACT(MONTH FROM DATE) != 12 THEN 5**

**ELSE 0**

**END) AS TOTAL\_FEE**

**FROM TRANSACTIONS;**

****

**Query:**

**SELECT SUM(AMOUNT)-(12\*5) AS BALANCE FROM TRANSACTIONS3;**

You can add the following data in the table

