Lab-4

1 SELECT UPPER(airline_name) AS airline_name_uppercase FROM airline;

2 SELECT REPLACE(airline_name,'Air','Aero') AS updated_name FROM airline;
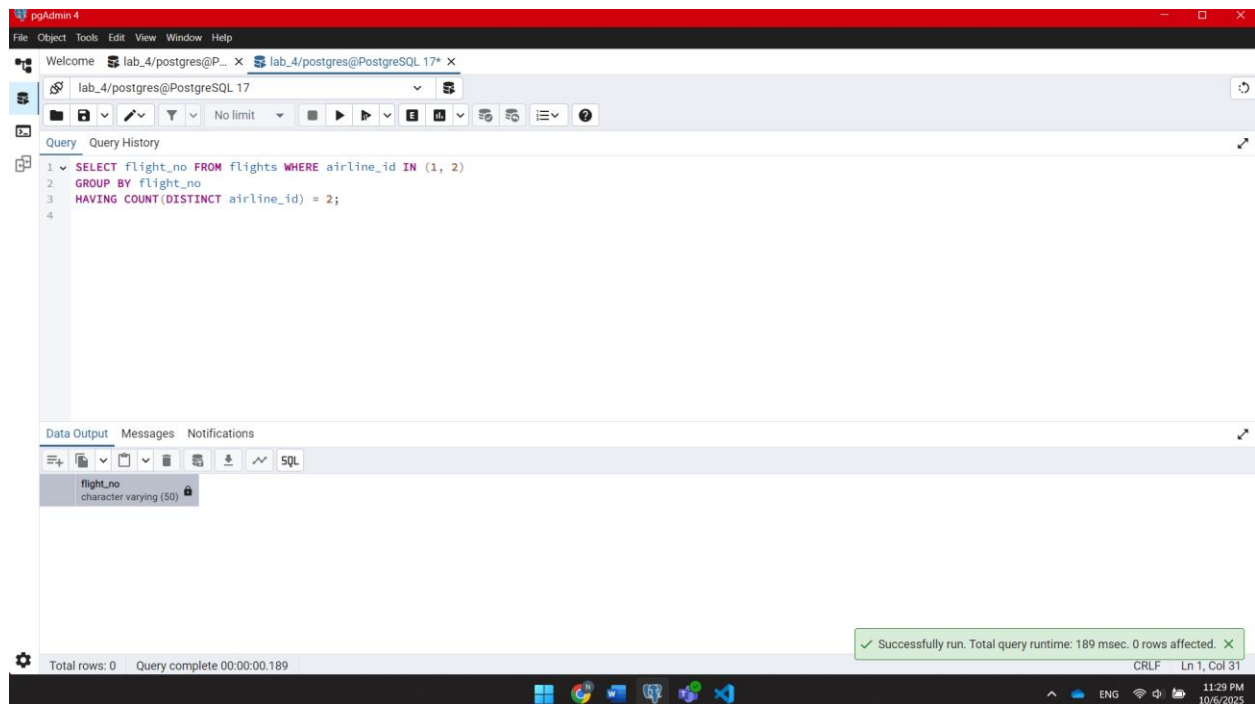
3 SELECT flight_no FROM flights WHERE airline_id IN (1, 2)
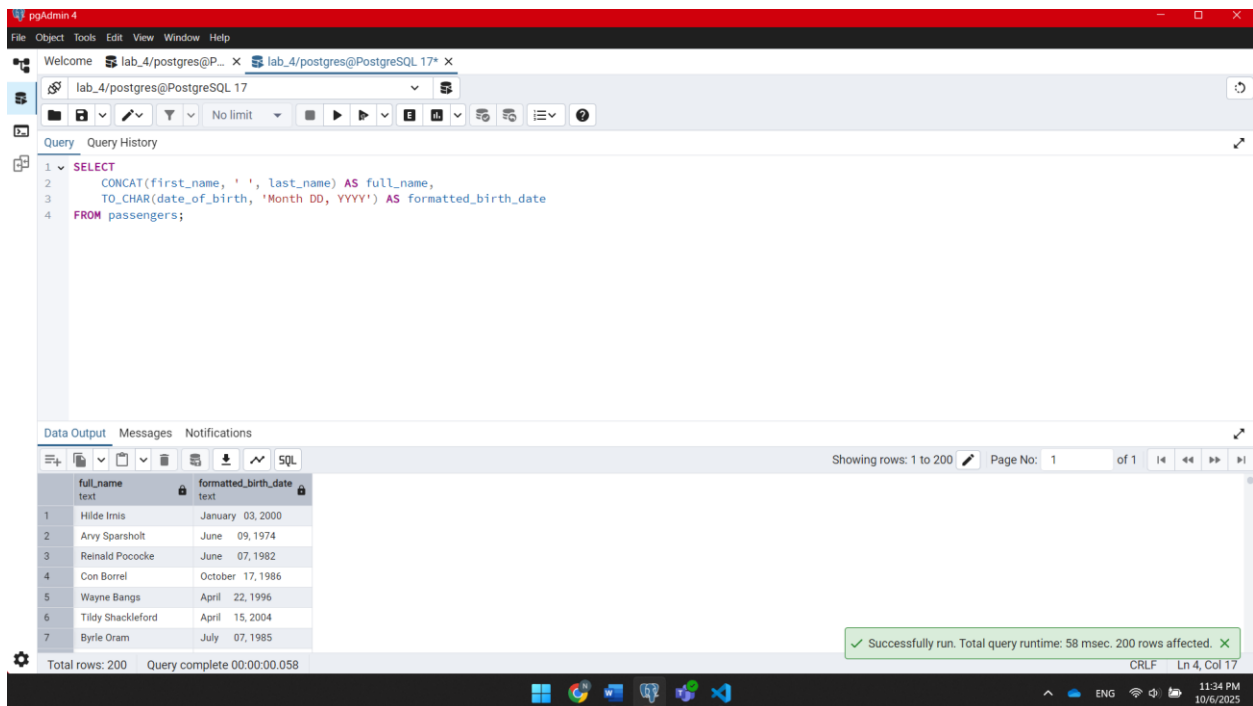
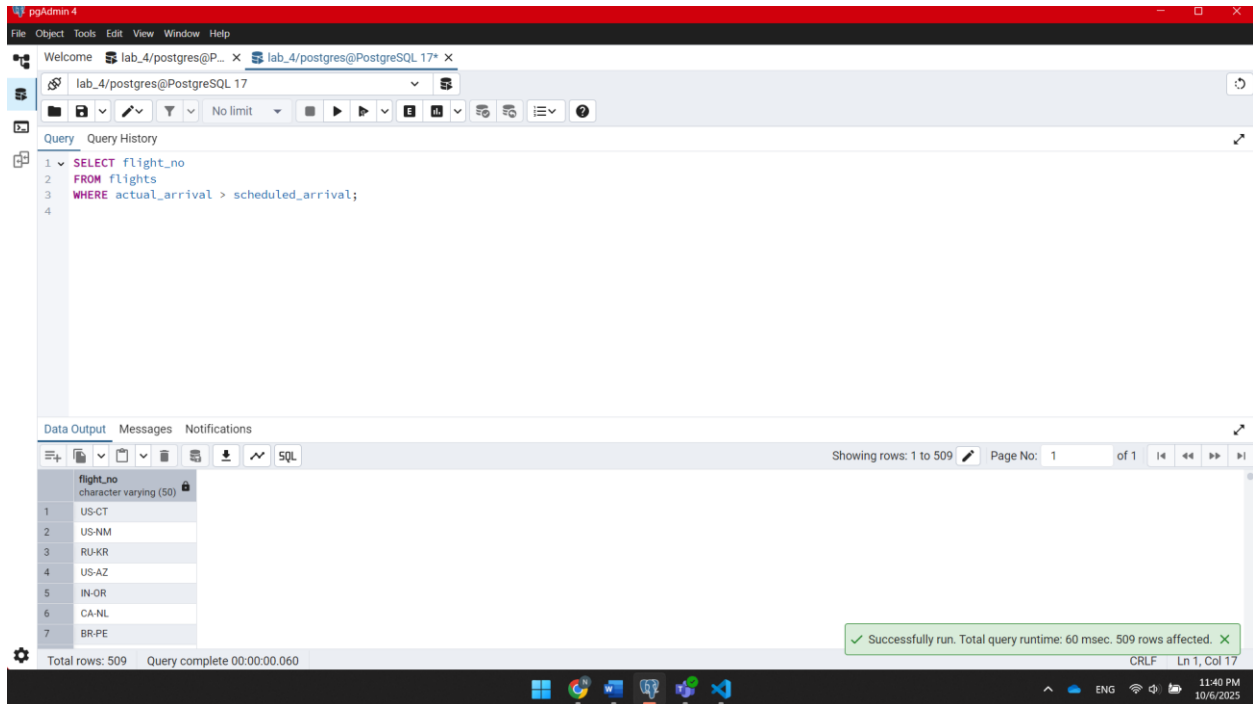**GROUP BY flight_no**

HAVING COUNT(DISTINCT airline_id) = 2;
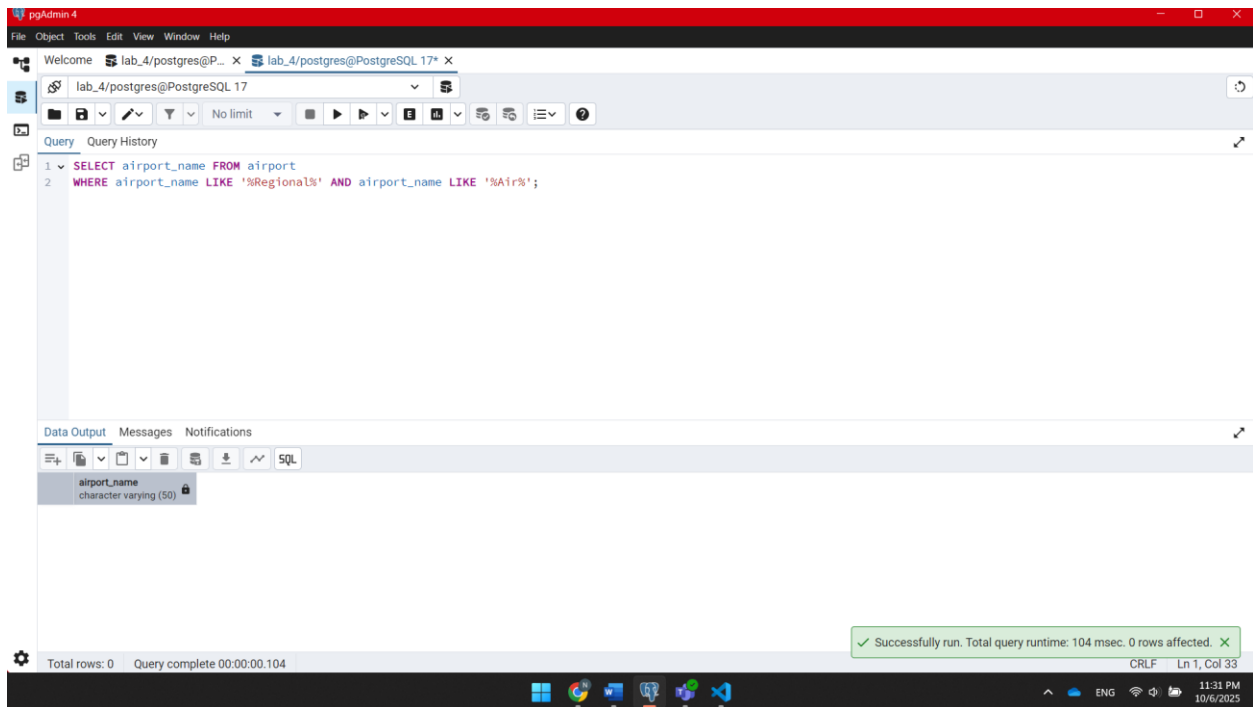
4 SELECT airport_name FROM airport

WHERE airport_name LIKE '%Regional%' AND airport_name LIKE '%Air%';

5 SELECT

CONCAT(first_name, ' ', last_name) AS full_name,

TO_CHAR(date_of_birth, 'Month DD, YYYY') AS formatted_birth_date

FROM passengers;

6 SELECT flight_no

FROM flights

WHERE actual_arrival > scheduled_arrival;

7 SELECT CONCAT(first_name,' ',last_name) AS full_name,

EXTRACT(YEAR FROM AGE(date_of_birth)) AS age,

CASE

WHEN EXTRACT(YEAR FROM AGE(date_of_birth)) BETWEEN 18 AND 35 THEN 'Young'

WHEN EXTRACT(YEAR FROM AGE(date_of_birth)) BETWEEN 36 AND 55 THEN 'Adult'

ELSE 'Other'

END AS age_group

FROM passengers;

8 SELECT booking_id, price,

    CASE

        WHEN price < 100 THEN 'Cheap'

        WHEN price BETWEEN 100 AND 300 THEN 'Medium'

        ELSE 'Expensive'

    END AS price_category

FROM booking;

9 SELECT

   airline_country,

   COUNT(*) AS airline_count

FROM airline

GROUP BY airline_country

ORDER BY airline_count DESC;

10 SELECT flight_no, scheduled_arrival, actual_arrival

FROM flights

WHERE actual_arrival > scheduled_arrival;