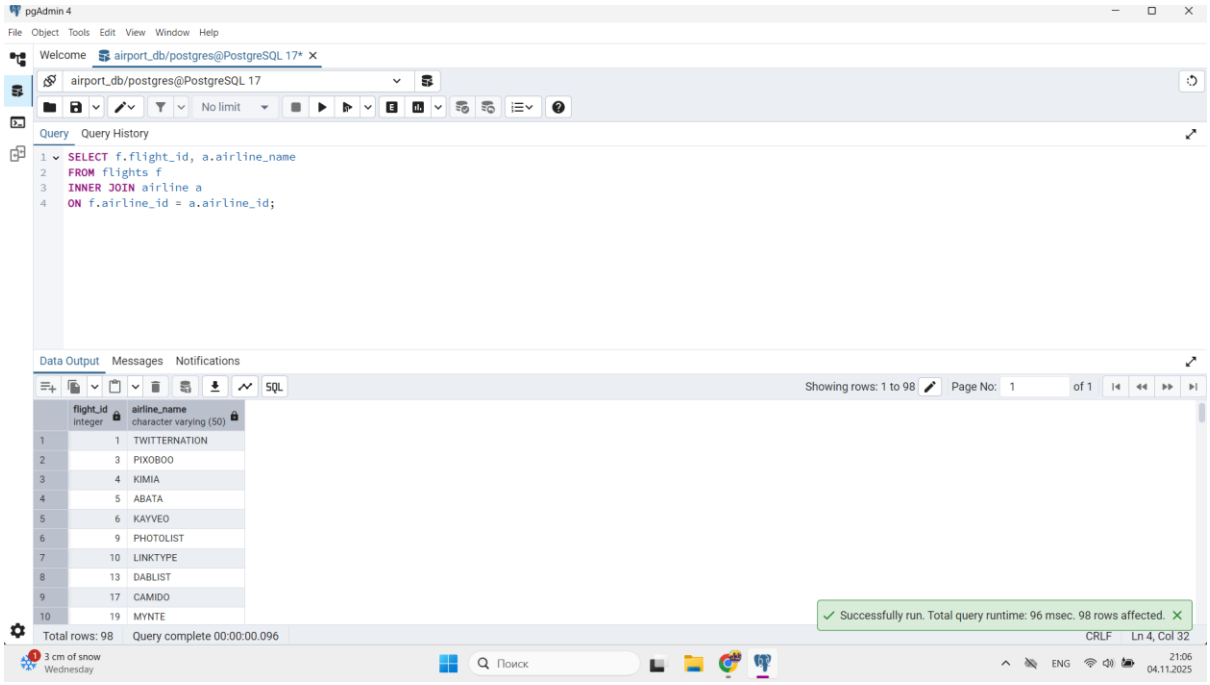
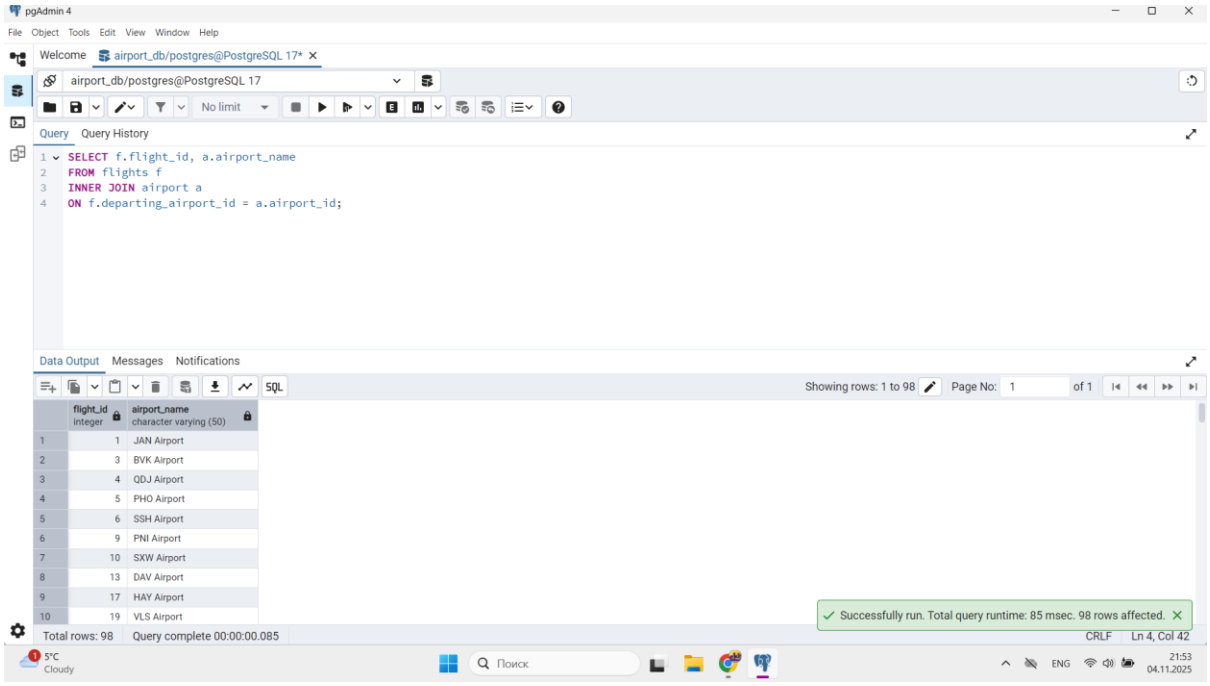
JOIN operations tasks

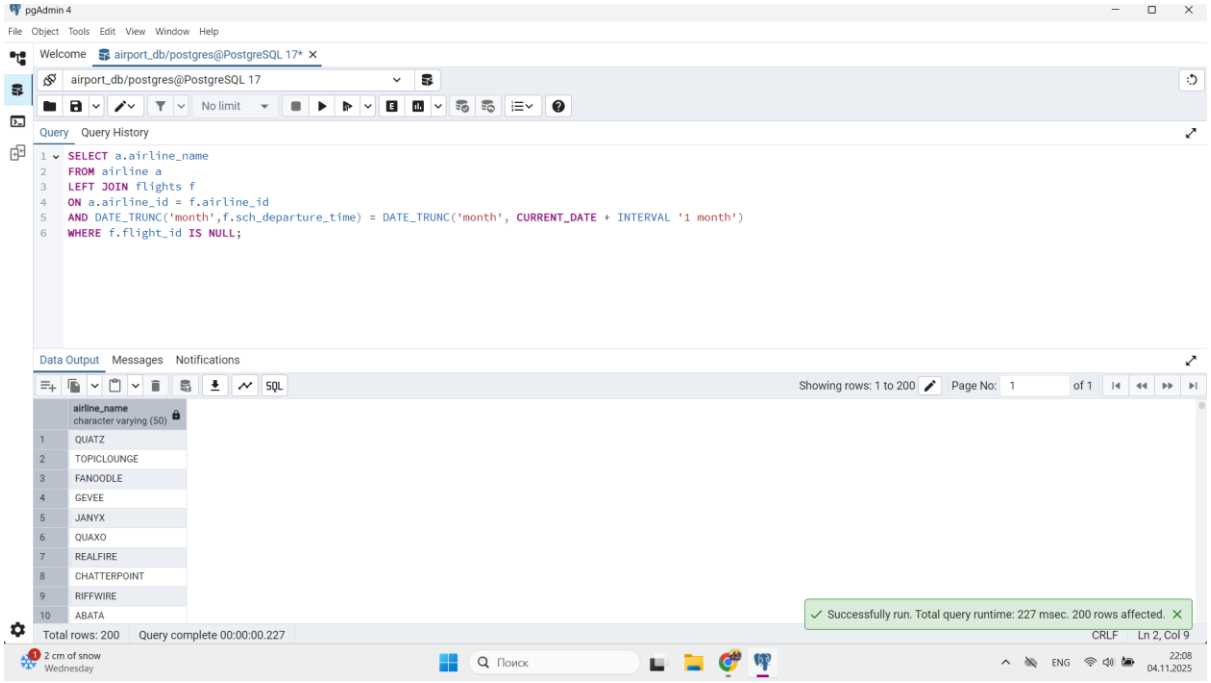
1. Write a query that displays all flights of a specific airline.



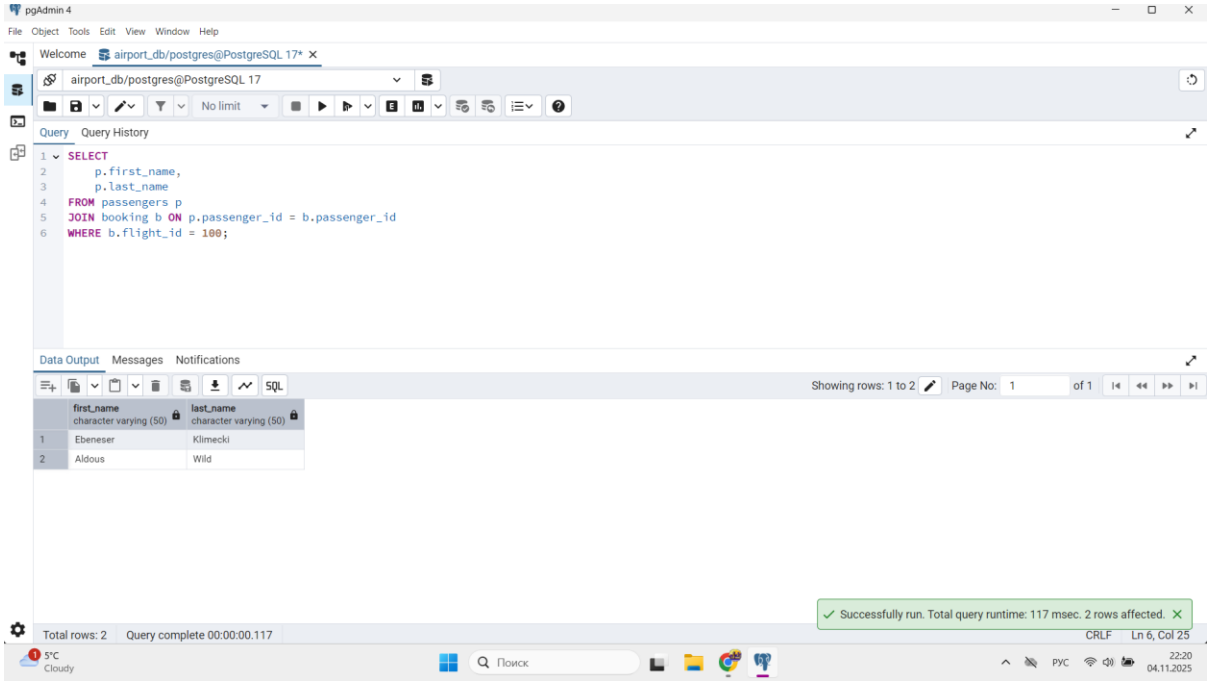
2. Compose a query to obtain a list of all flights with the names of departure airports.



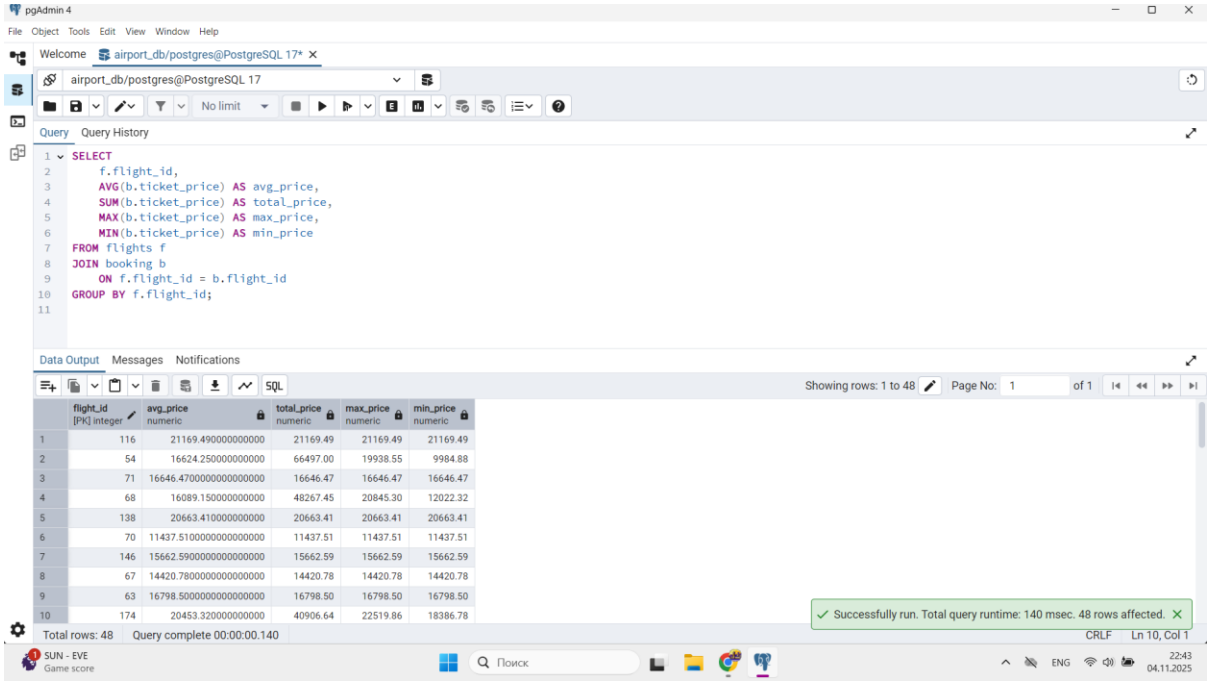
3. Create a query that finds all airlines that have no flights scheduled for the next month.



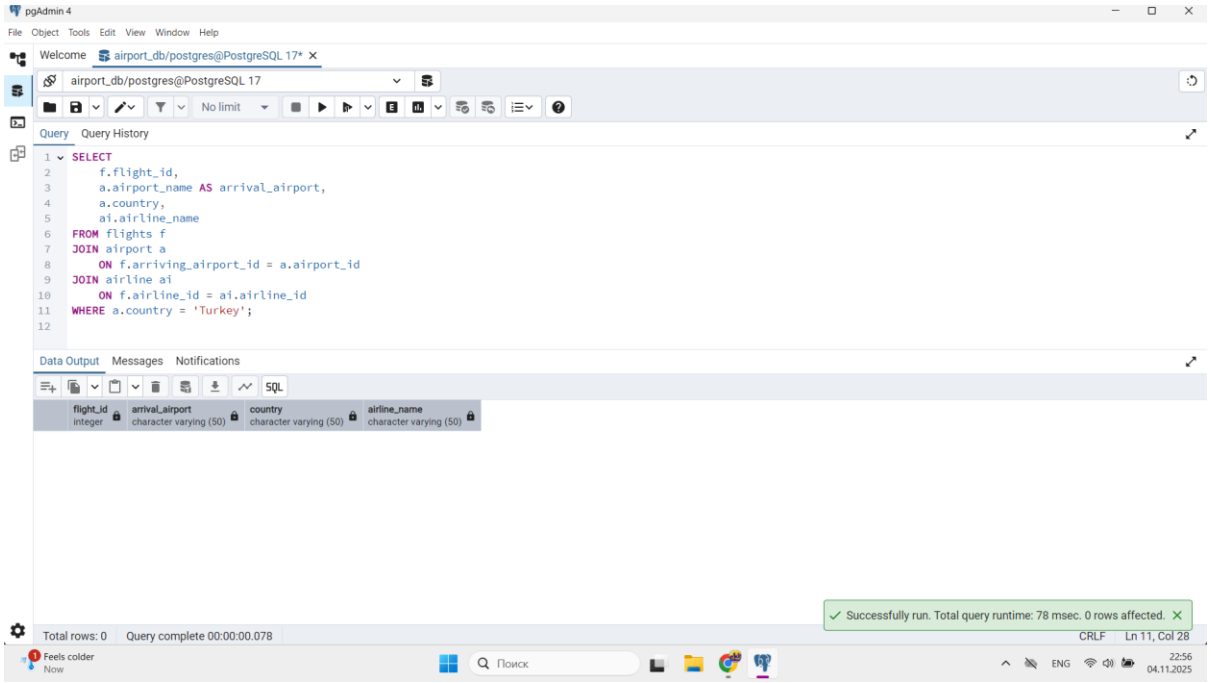
4. Create a query to display a list of passengers on a specific flight.



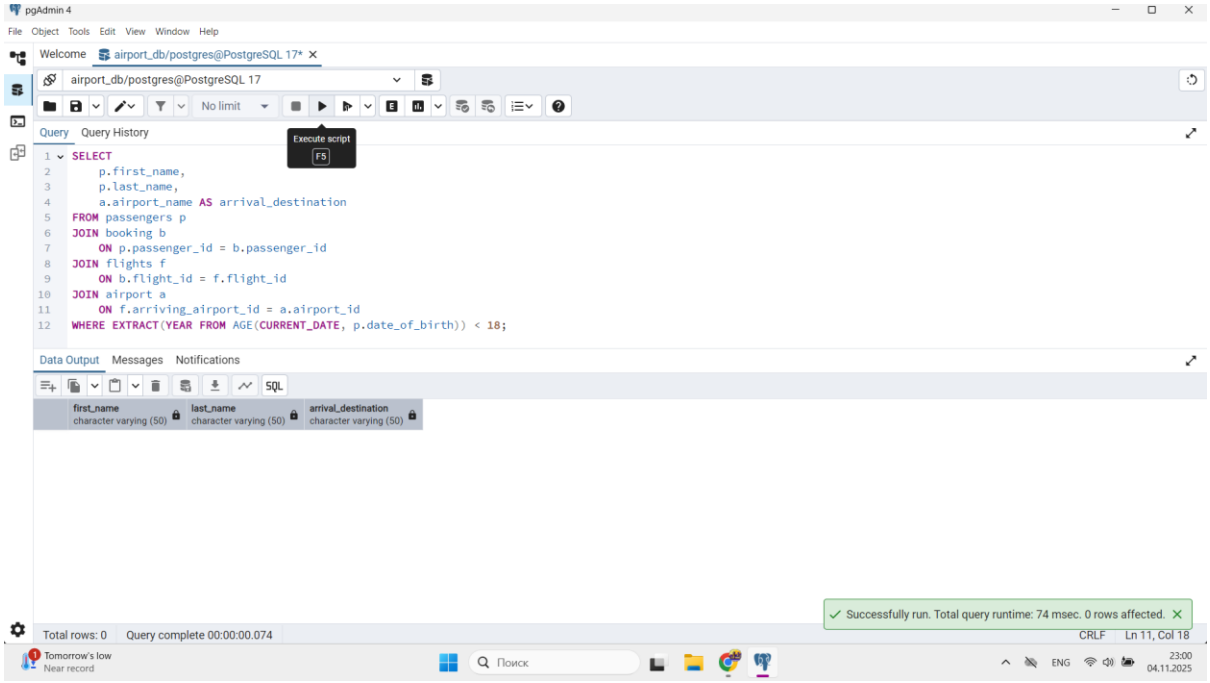
5. Write a query that calculates the average, total, maximum and minimum price of tickets for each flight.



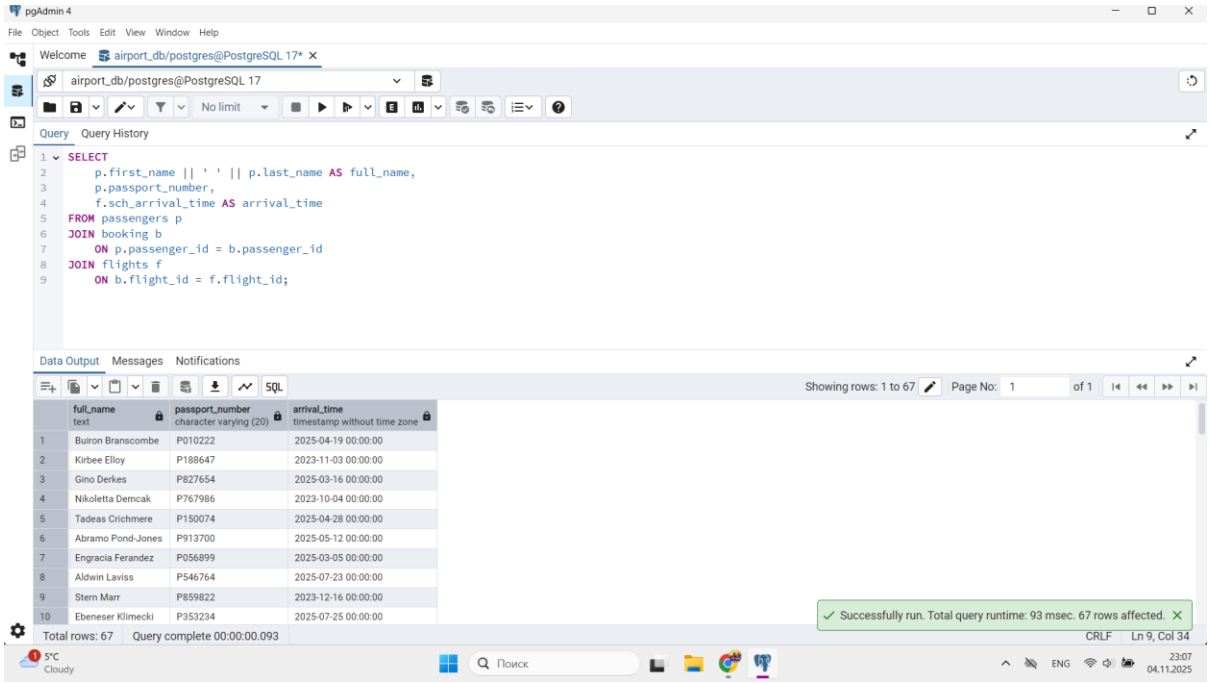
6. Create a query that shows all flights flying to a specific country by combining flights, airports and airline, and using the condition on the country name.



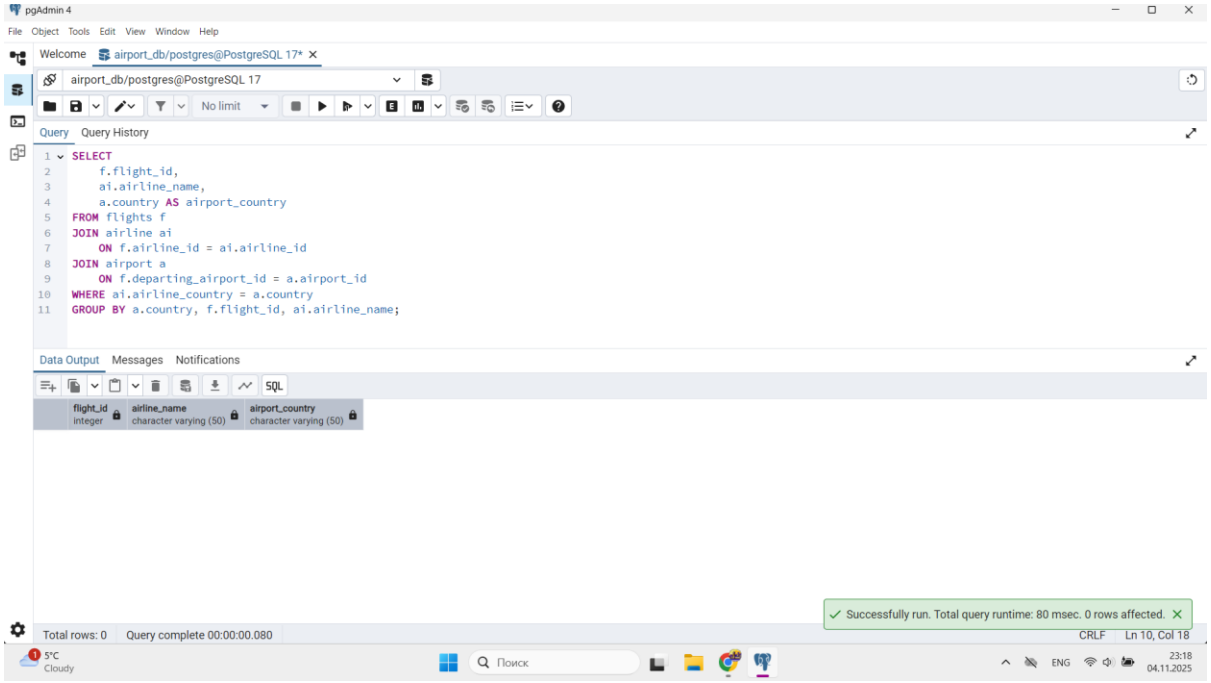
7. Display a list of minor passengers and their arrival destination.



8. Display the passenger's full name, passport number, and the passenger's current time of arrival at the destination.



9. Print a list of flights where the airline's home country and origin country are the same. Group them by the airport country.


pgAdmin 4
File Object Tools Edit View Window Help
Welcome
airport_db/postgres@PostgreSQL 17*
airport_db/postgres@PostgreSQL 17
No limit
Query
Query History
SELECT
f.flight_id,
ai.airline_name,
a.country AS airport_country
FROM flights f
JOIN airline ai
ON f.airline_id = ai.airline_id
JOIN airport a
ON f.departing_airport_id = a.airport_id
WHERE ai.airline_country = a.country
GROUP BY a.country, f.flight_id, ai.airline_name;
Data Output
Messages
Notifications
SQL
flight_id
integer
airline_name
character varying (50)
airport_country
character varying (50)
Successfully run. Total query runtime: 80 msec. 0 rows affected.
Total rows: 0
Query complete 00:00:00.080
CRLF
Ln 10, Col 18
5°C
Cloudy
Поиск
ENG
23:18
04.11.2025