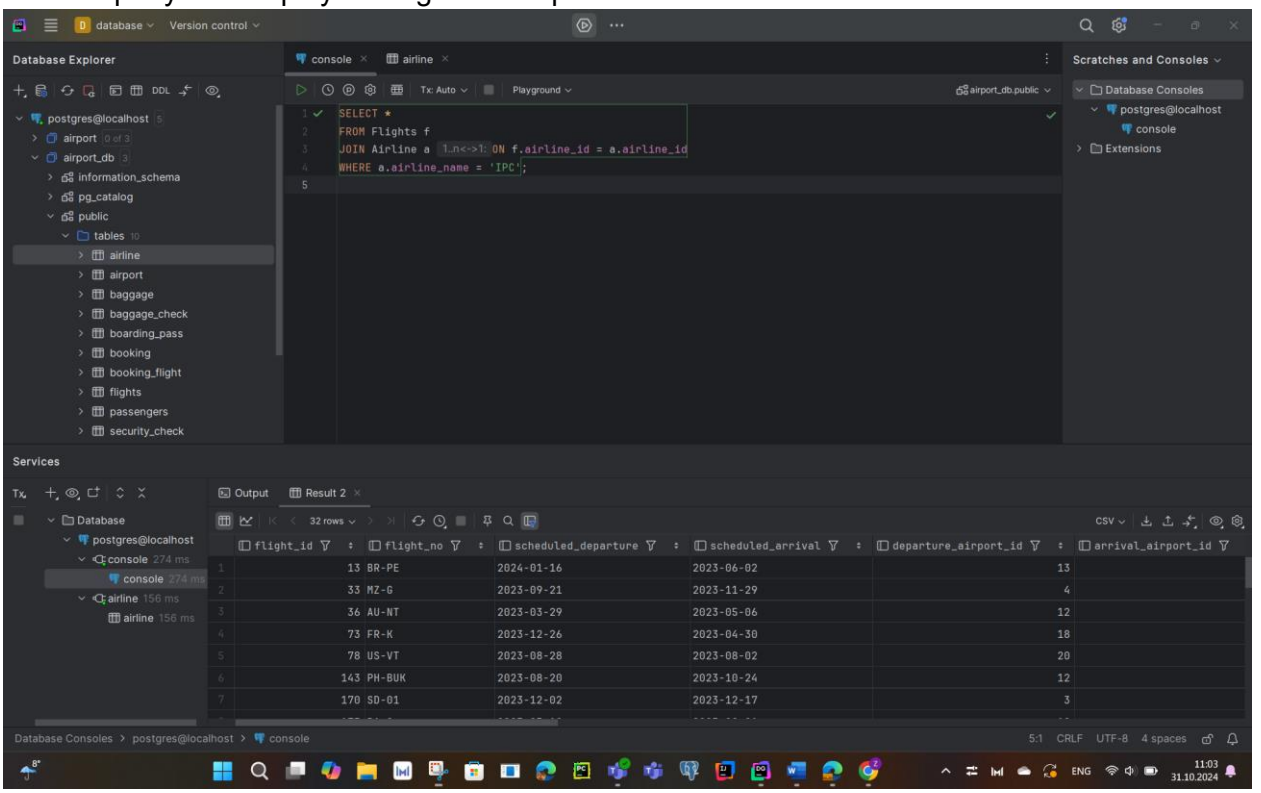
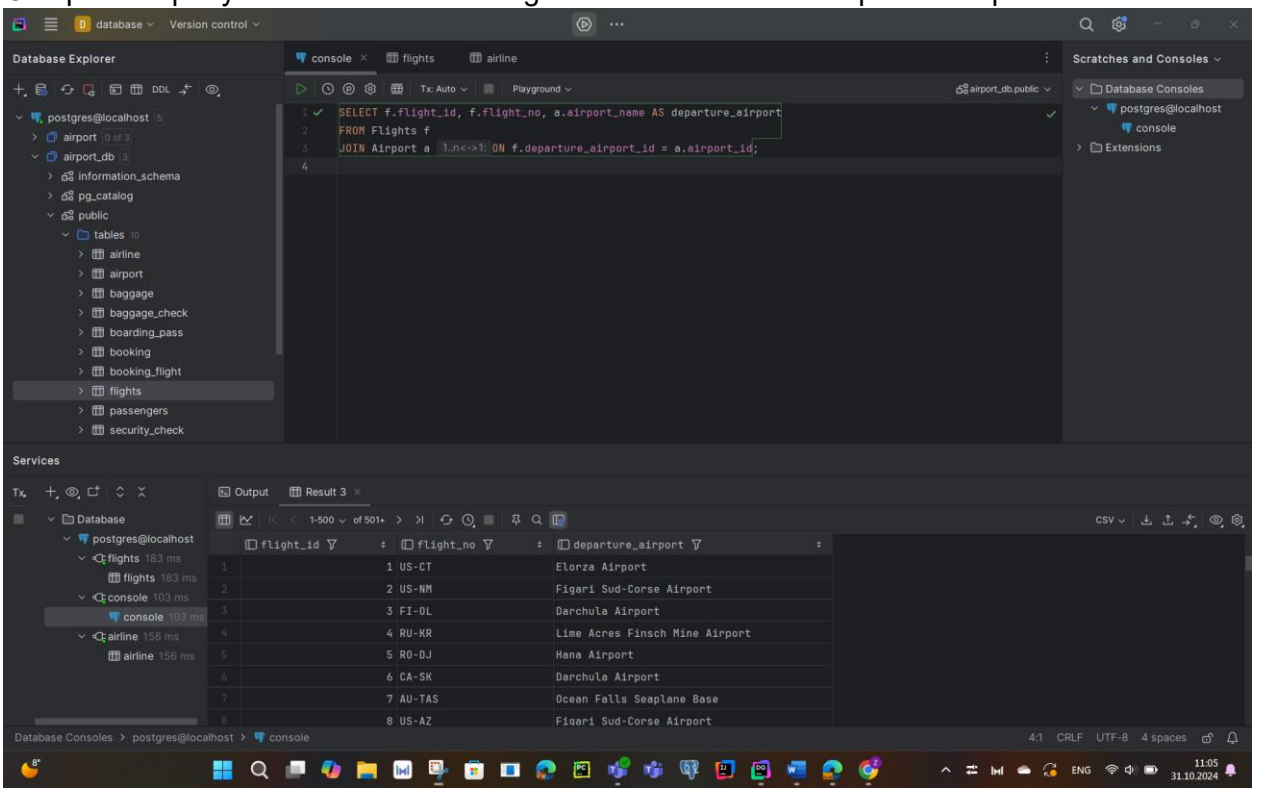
Laboratory work 6

JOIN operations tasks

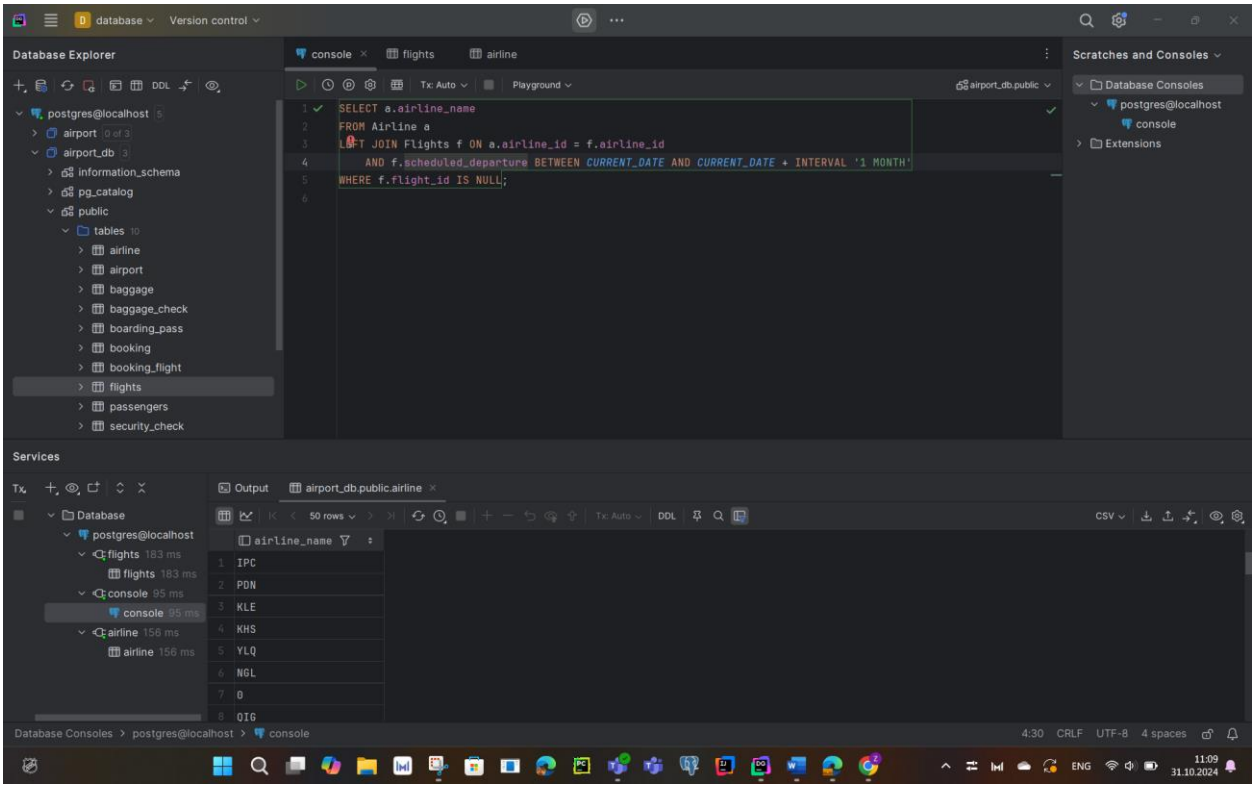
1. Write a query that displays all flights of a specific airline.



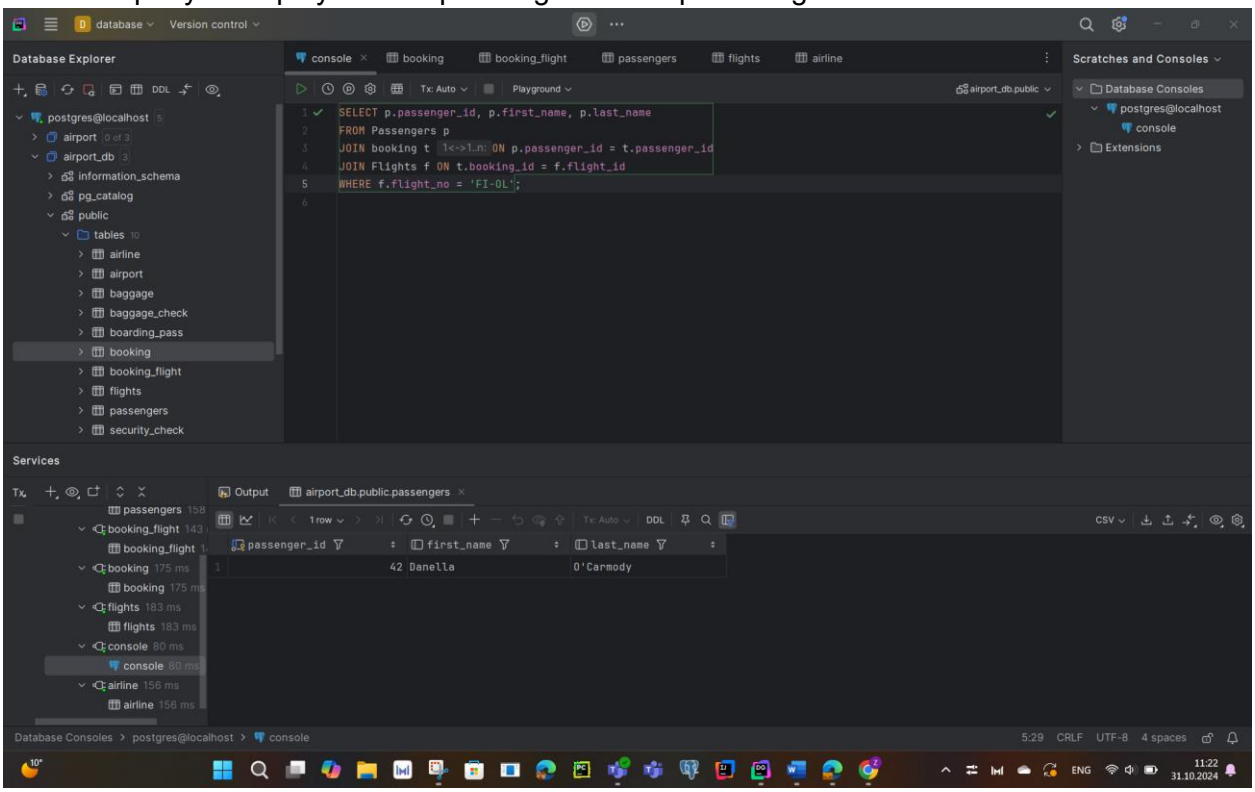
2. Compose a query to obtain a list of all flights with the names of departure airports.



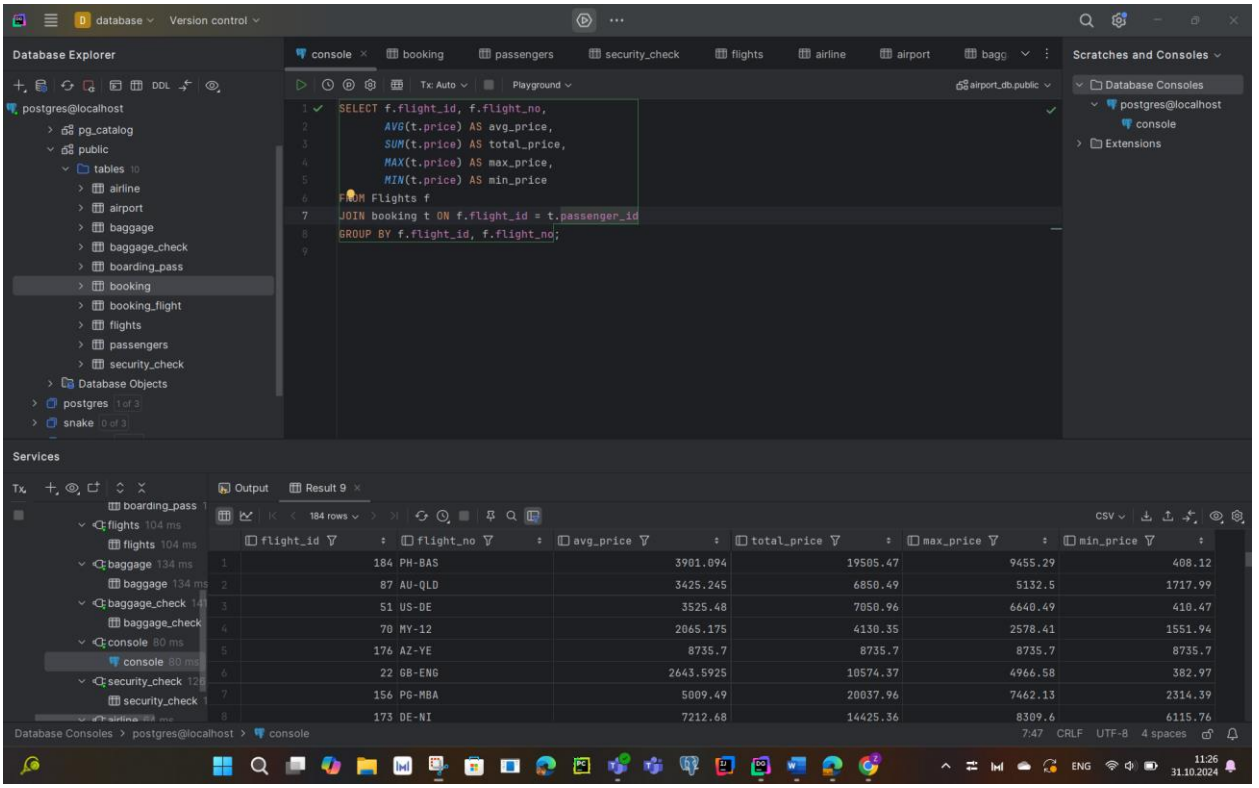
3. Create a query that finds all airlines that have no flights scheduled for the next month.



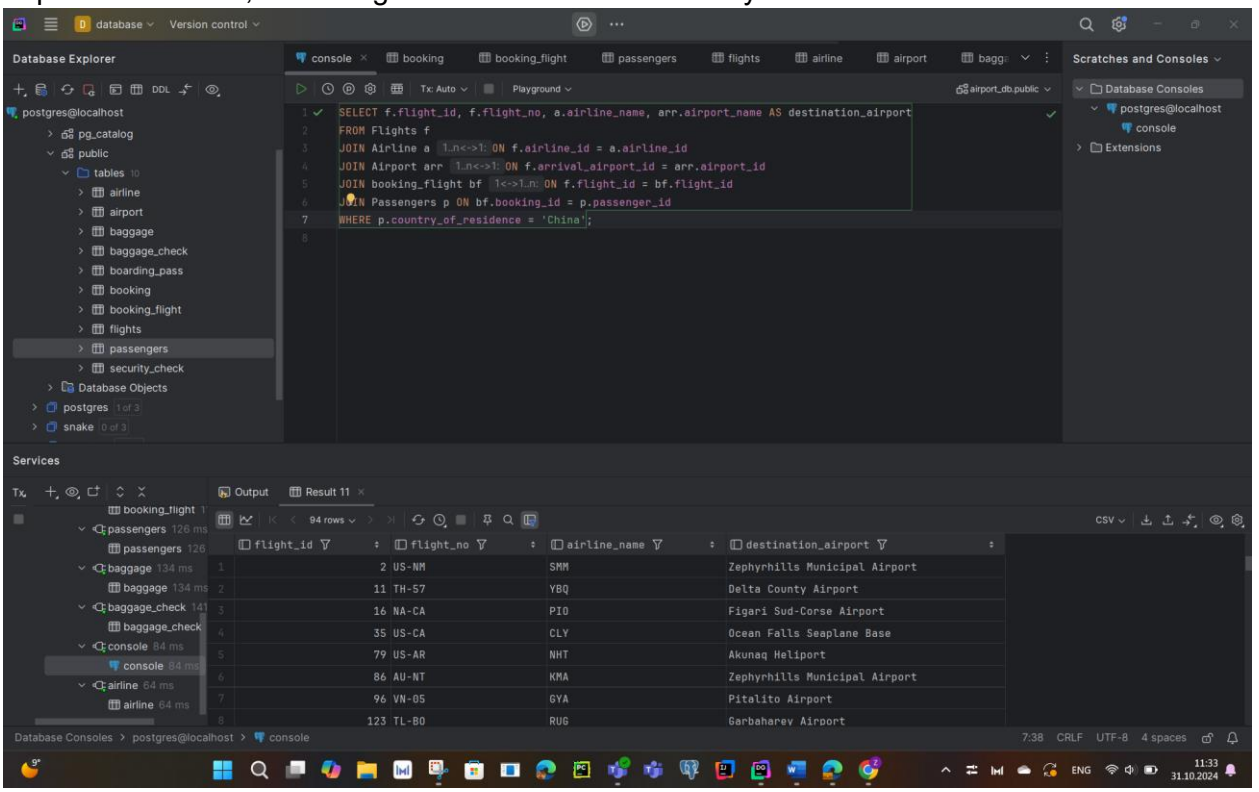
4. Create a query to display a list of passengers on a specific flight.



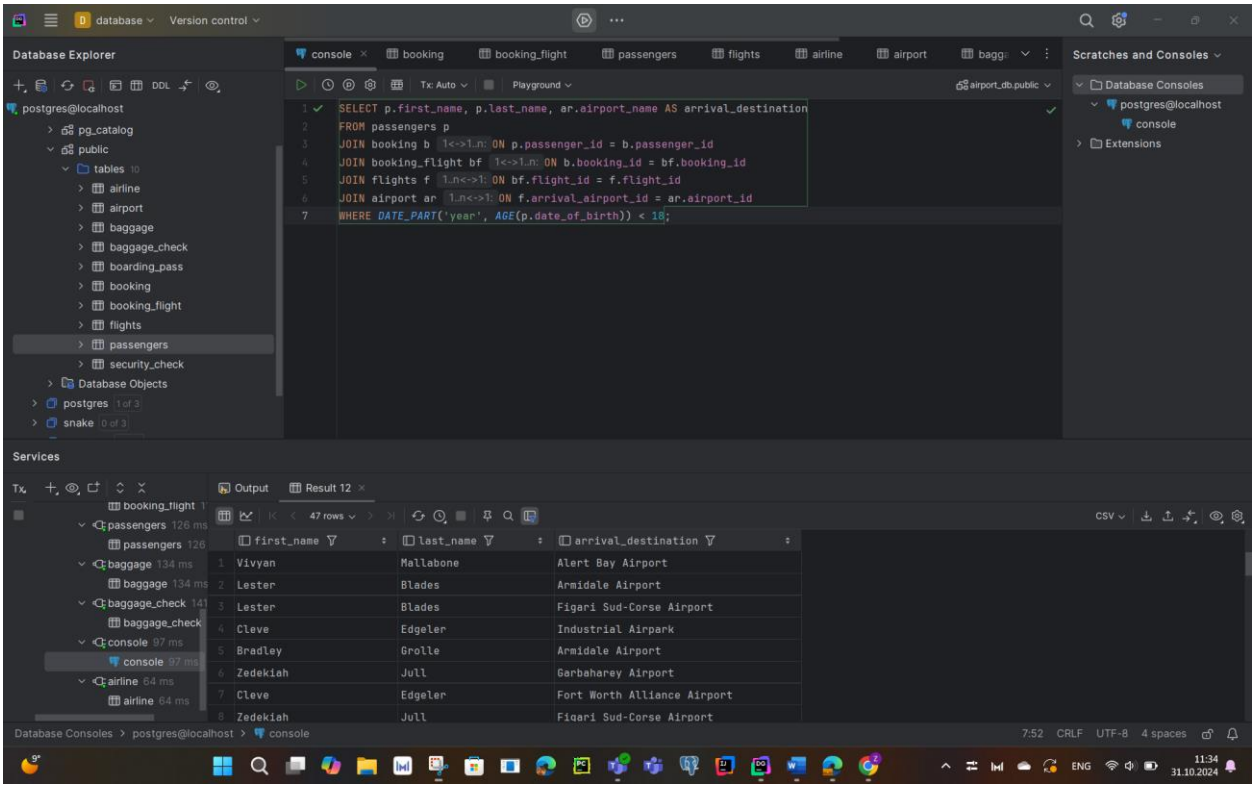
5. Write a query that calculates the average, total, maximum and minimum price of tickets for each flight.



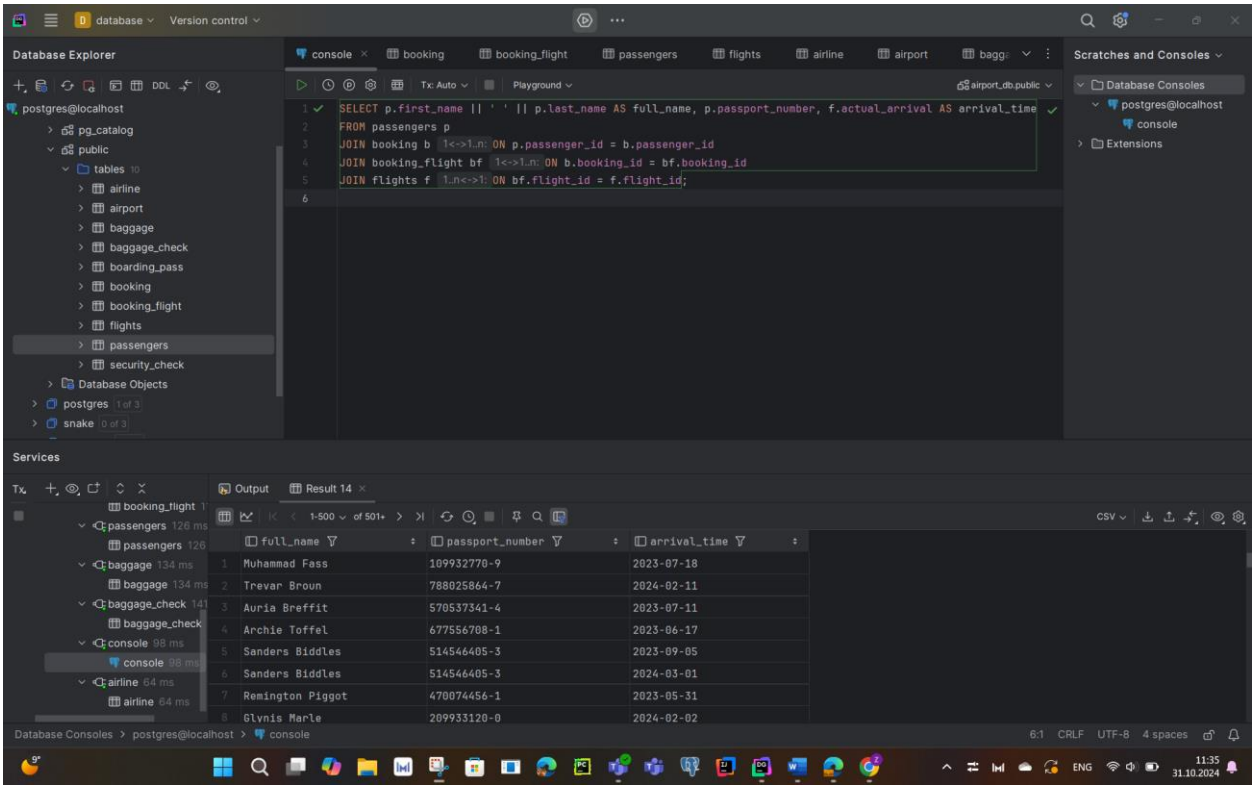
6. Create a query that shows all flights flying to a specific country by combining flights, airports and airline, and using the condition on the country name.



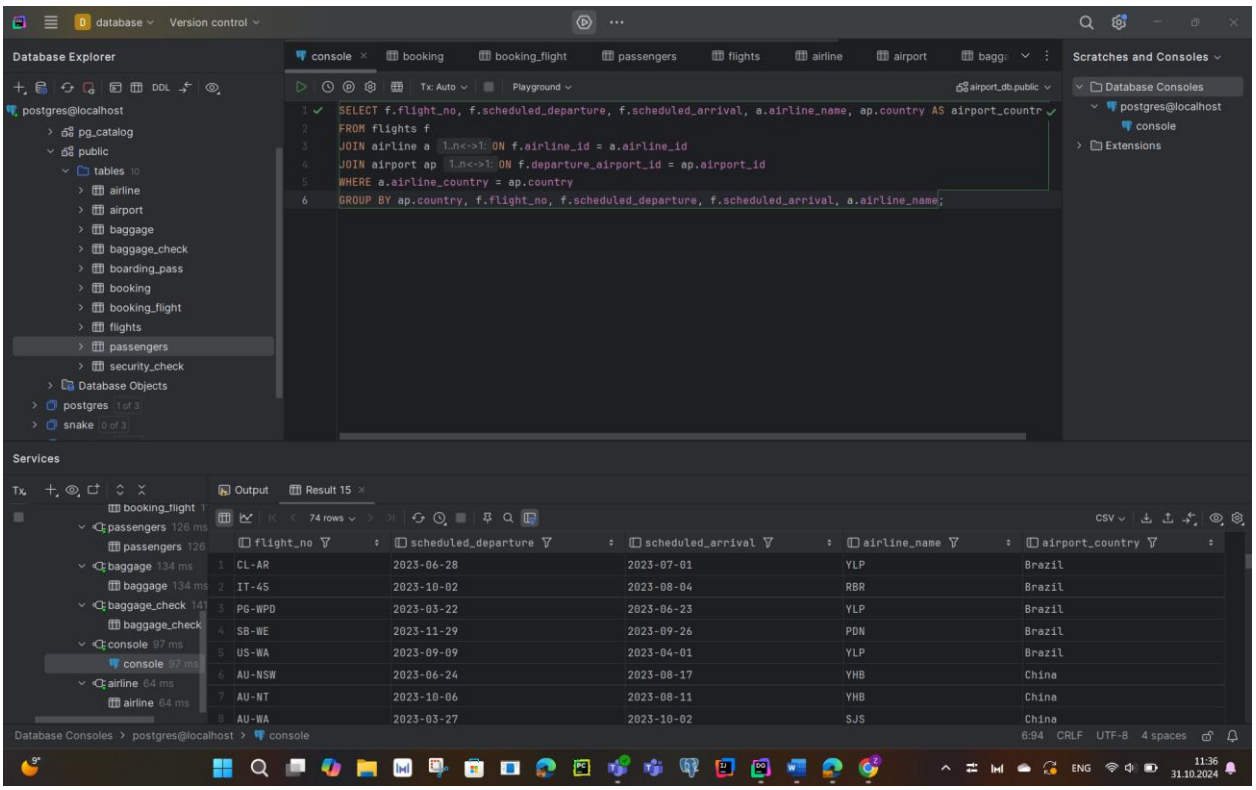
7. Display a list of minor passengers and their arrival destination.



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.


database
Version control
Database Explorer
console
booking
booking_flight
passengers
flights
airline
airport
Scratches and Consoles
Database Consoles
postgres@localhost
console
Extensions
SELECT f.flight_no, f.scheduled_departure, f.scheduled_arrival, a.airline_name, ap.country AS airport_countr
FROM flights f
JOIN airline a ON f.airline_id = a.airline_id
JOIN airport ap ON f.departure_airport_id = ap.airport_id
WHERE a.airline_country = ap.country
GROUP BY ap.country, f.flight_no, f.scheduled_departure, f.scheduled_arrival, a.airline_name;
pg_catalog
public
tables
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
security_check
Database Objects
postgres
snake
Services
Output
Result 15
74 rows
CSV
flight_no
scheduled_departure
scheduled_arrival
airline_name
airport_country
1 CL-AR 2023-06-28 2023-07-01 YLP Brazil
2 IT-45 2023-10-02 2023-08-04 RBR Brazil
3 PG-WPD 2023-03-22 2023-06-23 YLP Brazil
4 SB-WE 2023-11-29 2023-09-26 PDN Brazil
5 US-WA 2023-09-09 2023-04-01 YLP Brazil
6 AU-NSW 2023-06-24 2023-08-17 YHB China
7 AU-NT 2023-10-06 2023-08-11 YHB China
8 AU-WA 2023-03-27 2023-10-02 SJS China
Database Consoles › postgres@localhost › console
6:94 CRLF UTF-8 4 spaces
ENG
11:36
31.10.2024