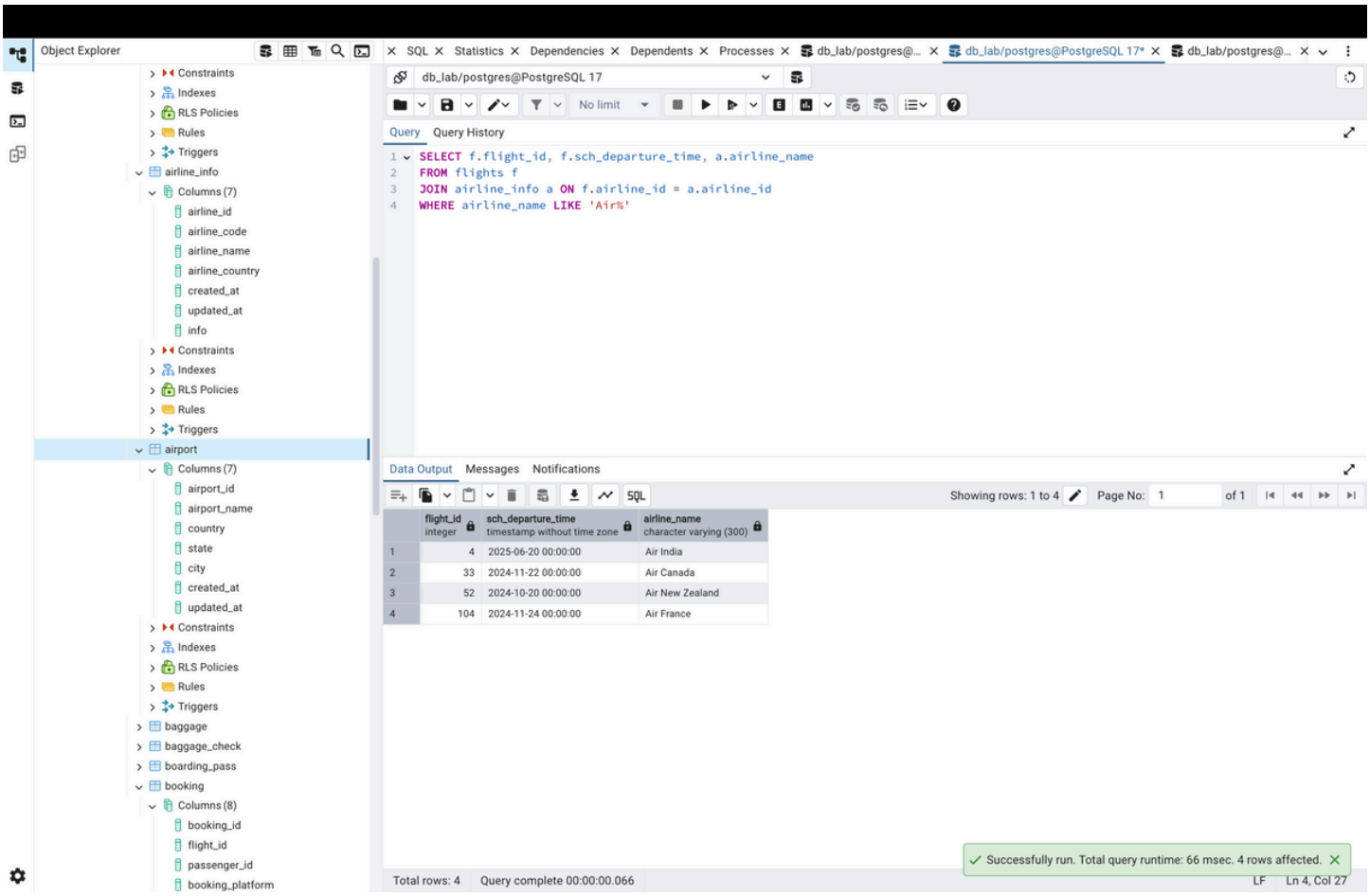
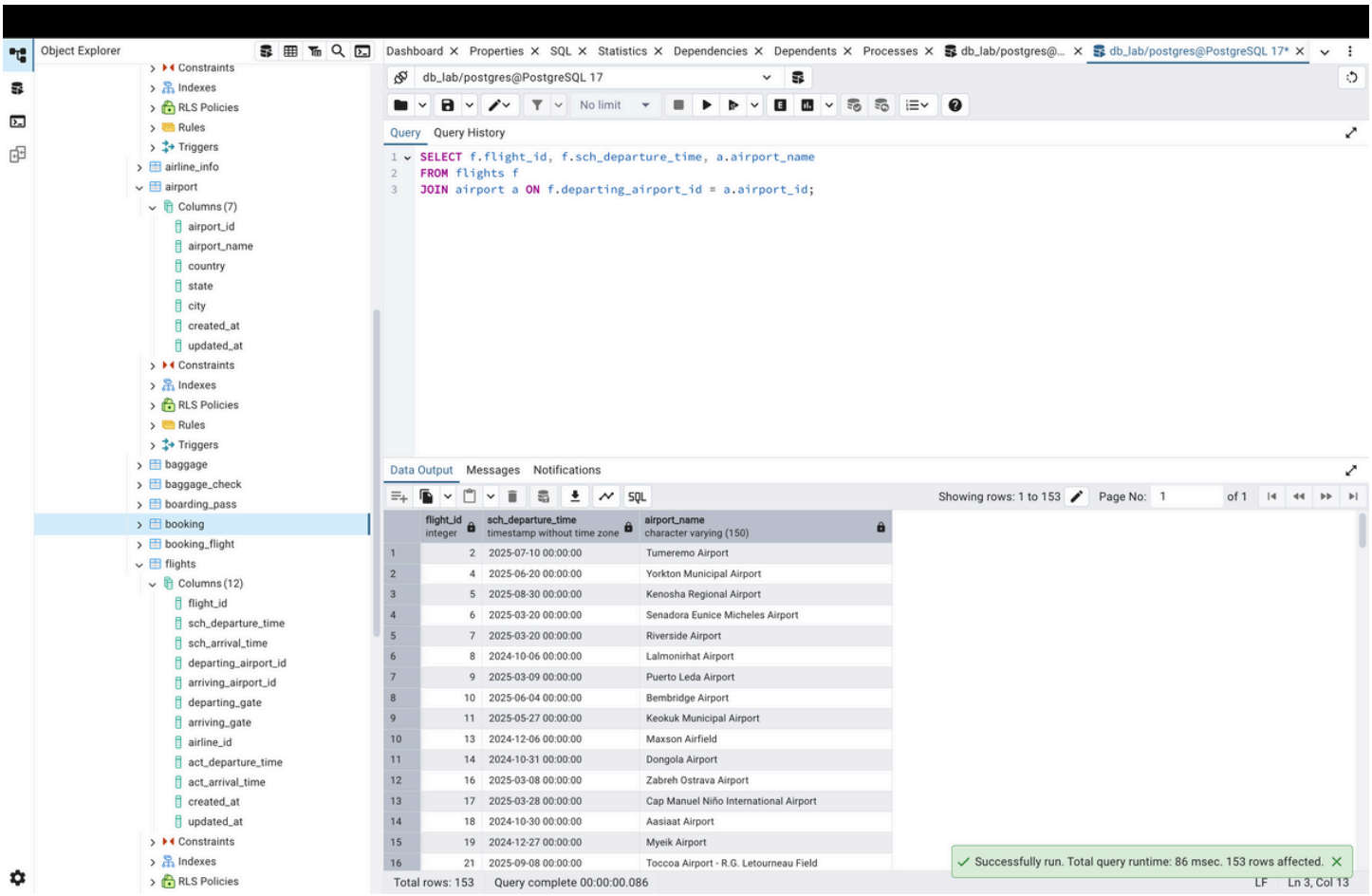
# Laboratory work 6

## JOIN operations tasks

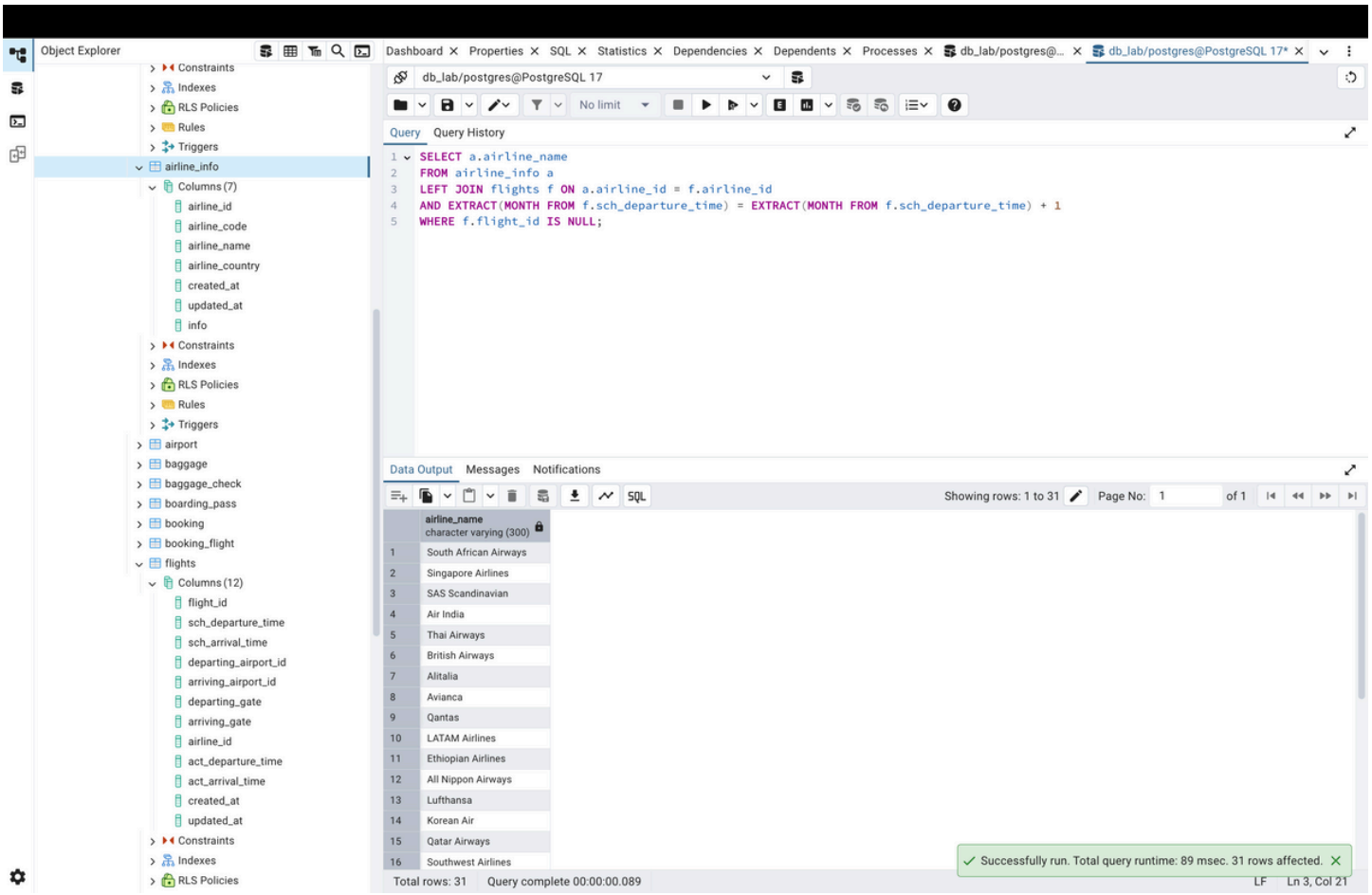
1. Write a query that displazs all flights of a specific airline.



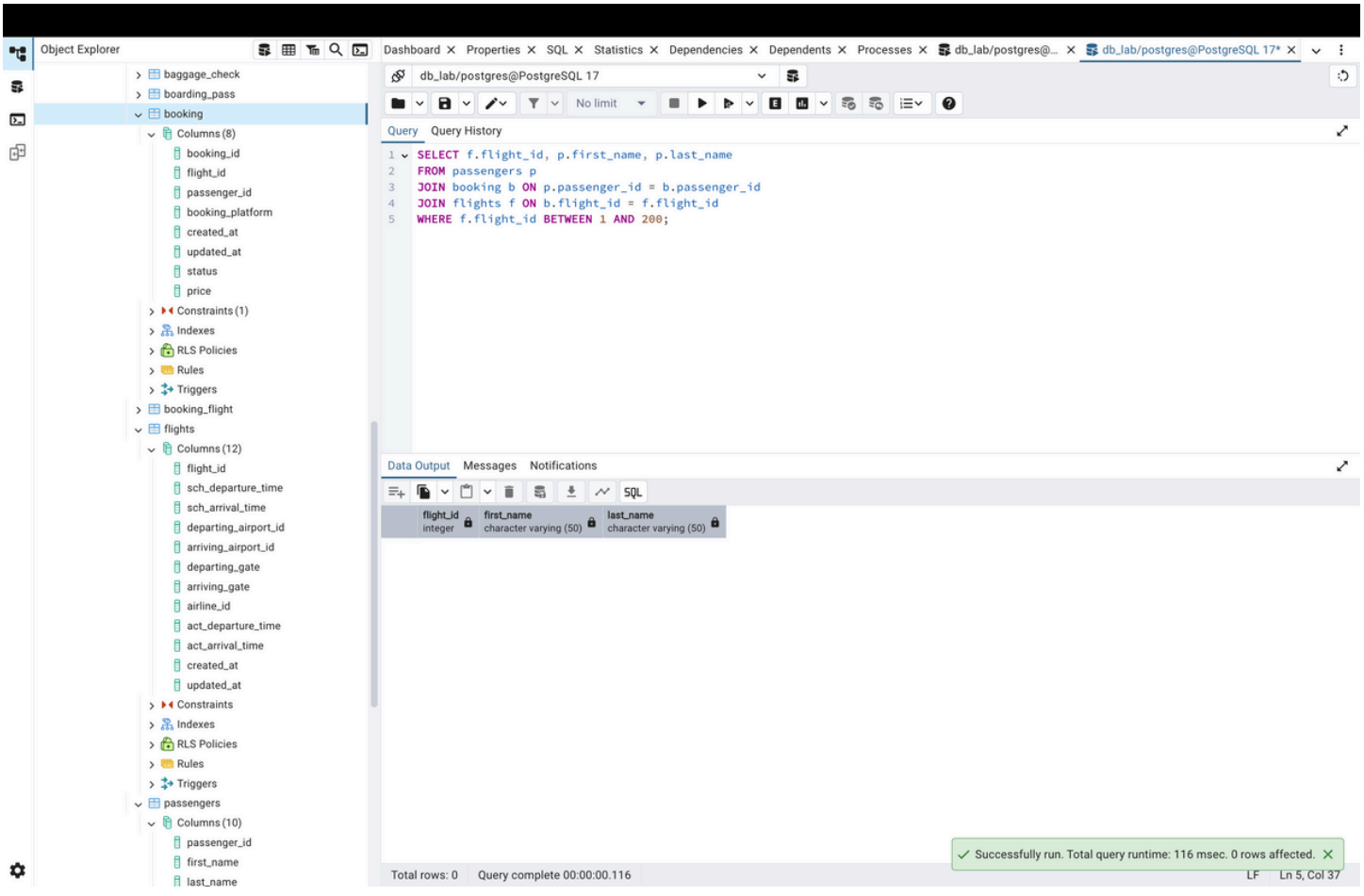

2. Compose a query to obtain a list of all flights with the names of departure airports.



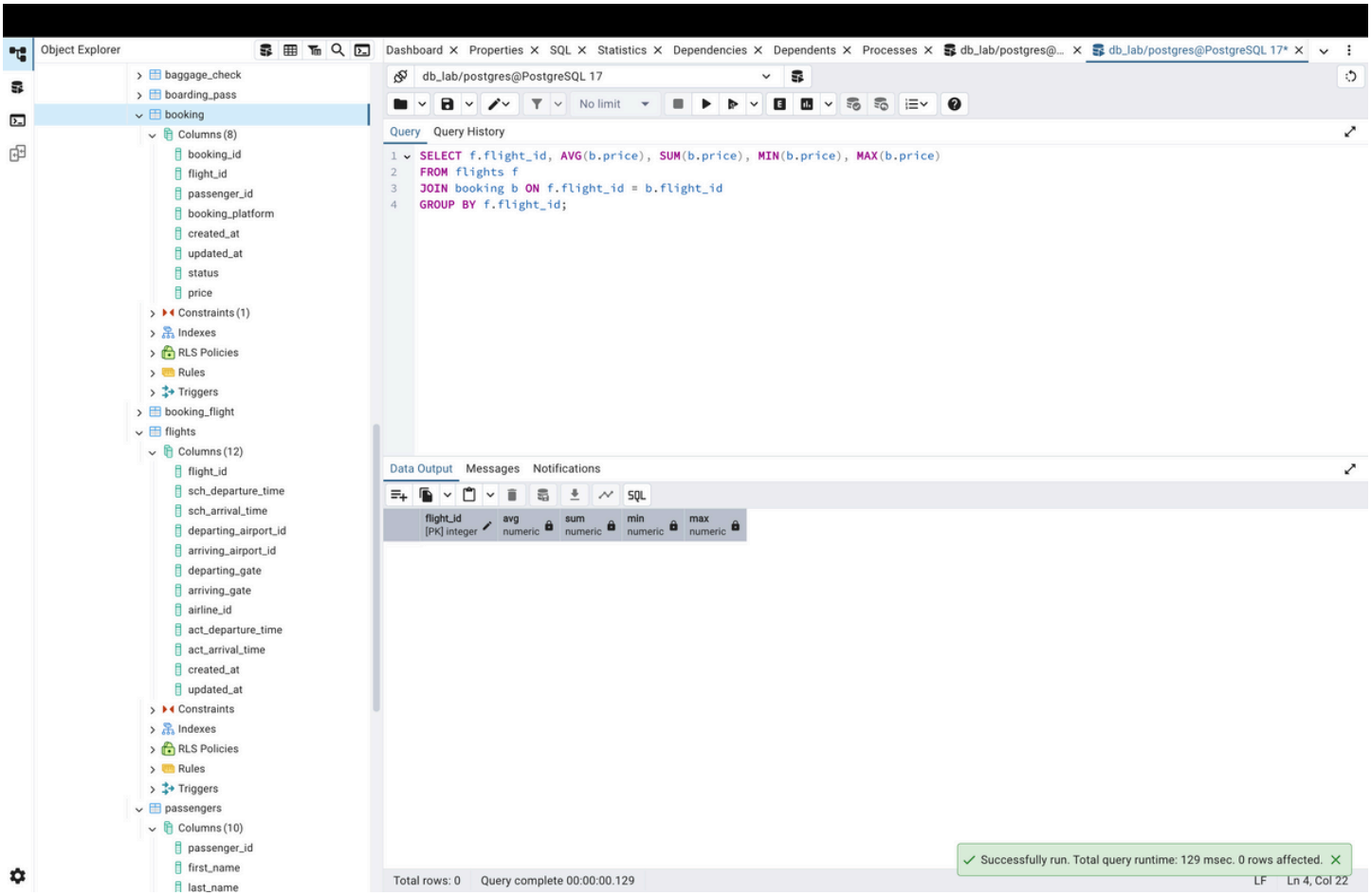

3. Create a query that finds all airlines that have no flights scheduled for the next month.



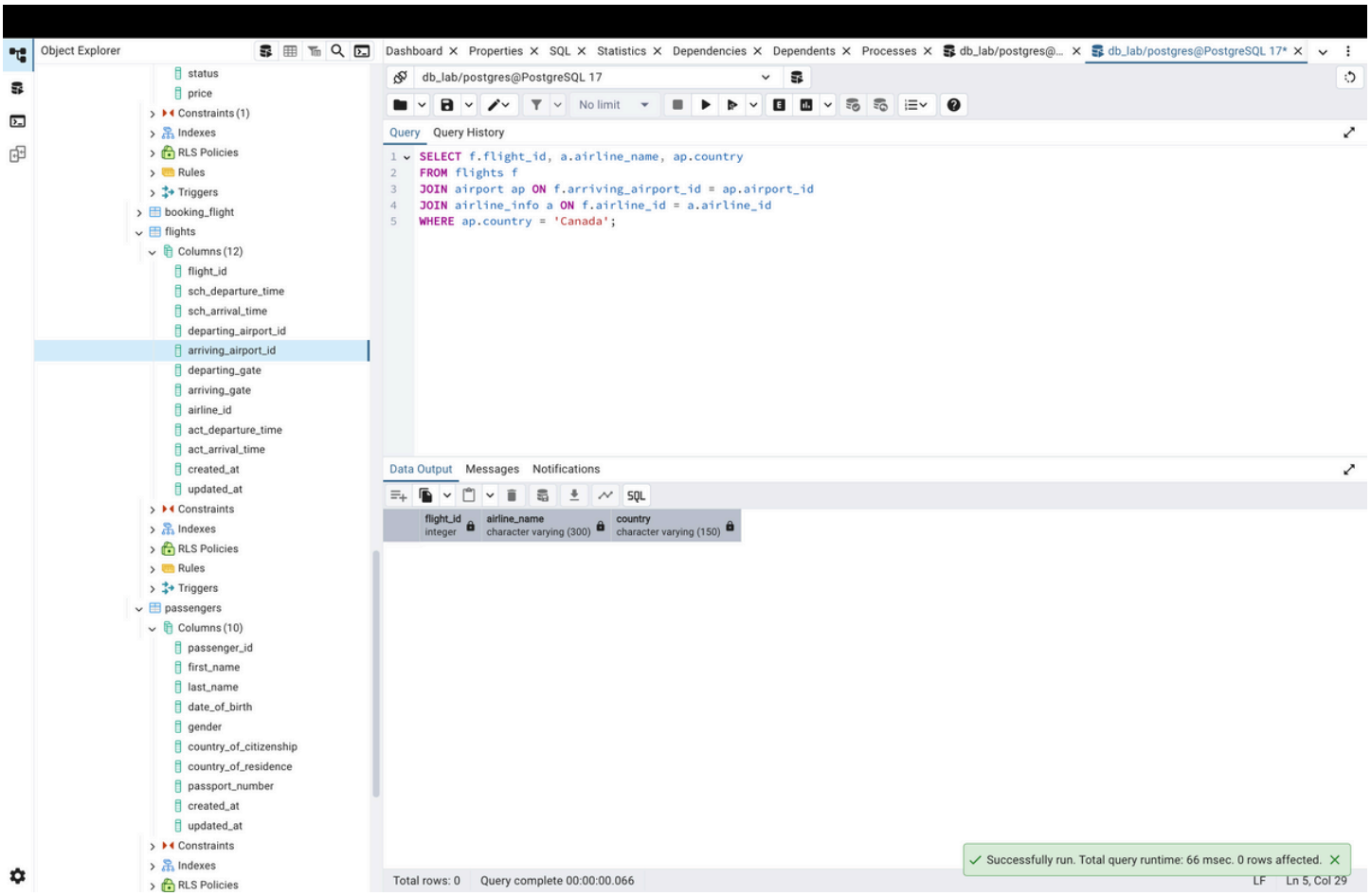

4. Create a query to display a list of passengers on a specific flight.



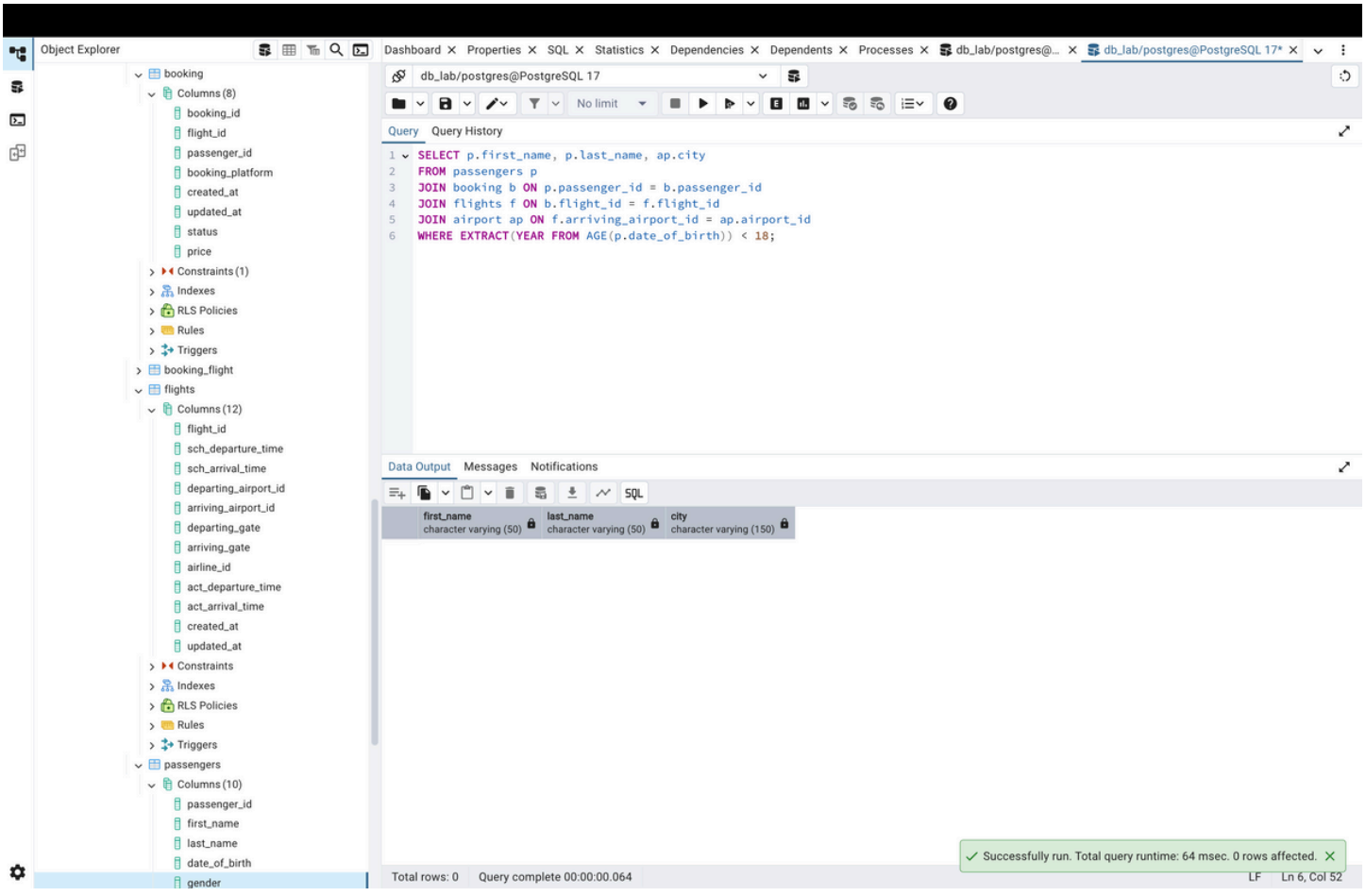
5. Write a query that calculates the average, total, maximum and minimum price of tickets for each flight.



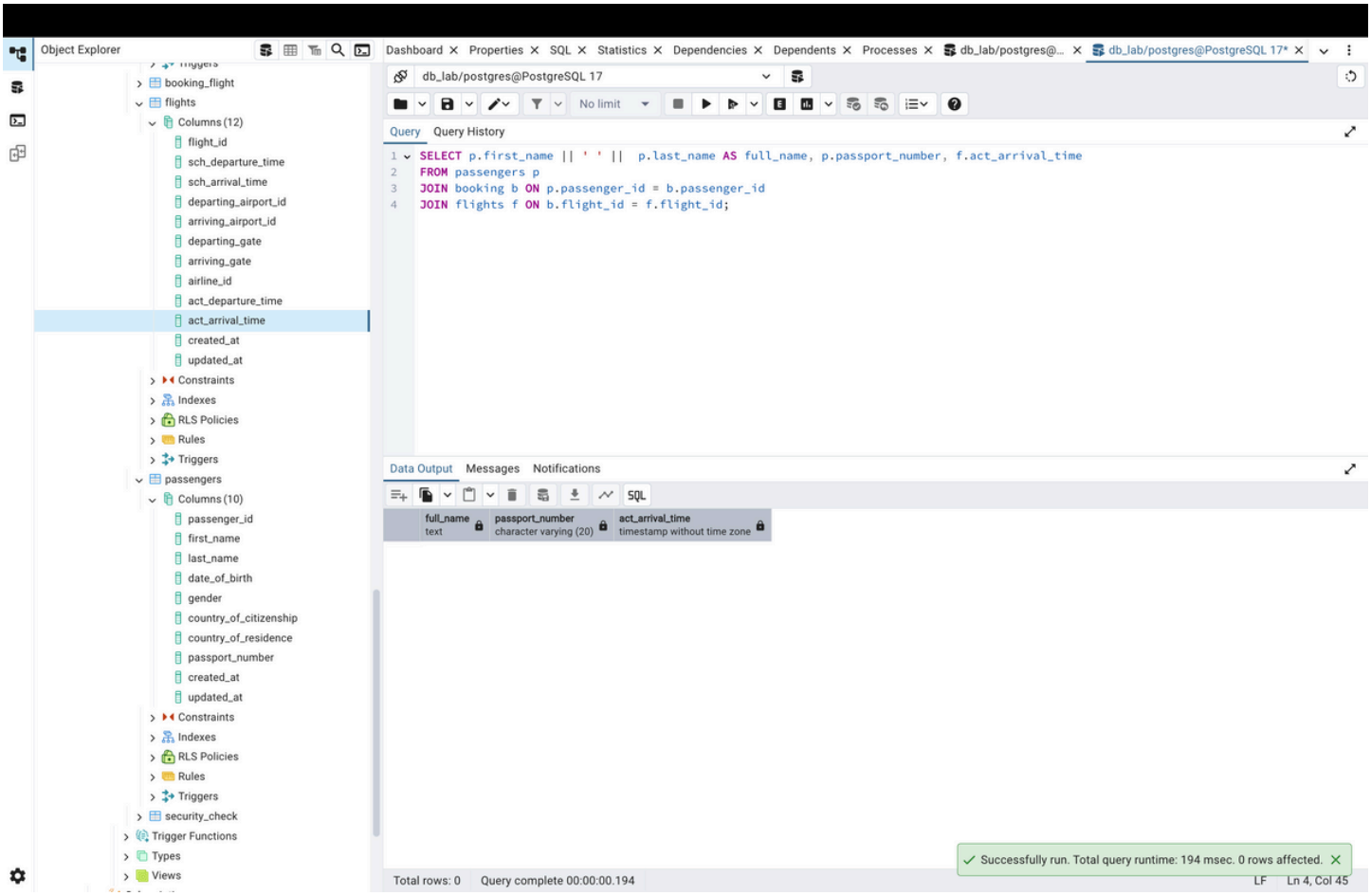

6. Create a query that shows all flights flying to a specific country by combining flights, airports and airline, and using the condition on the country name.



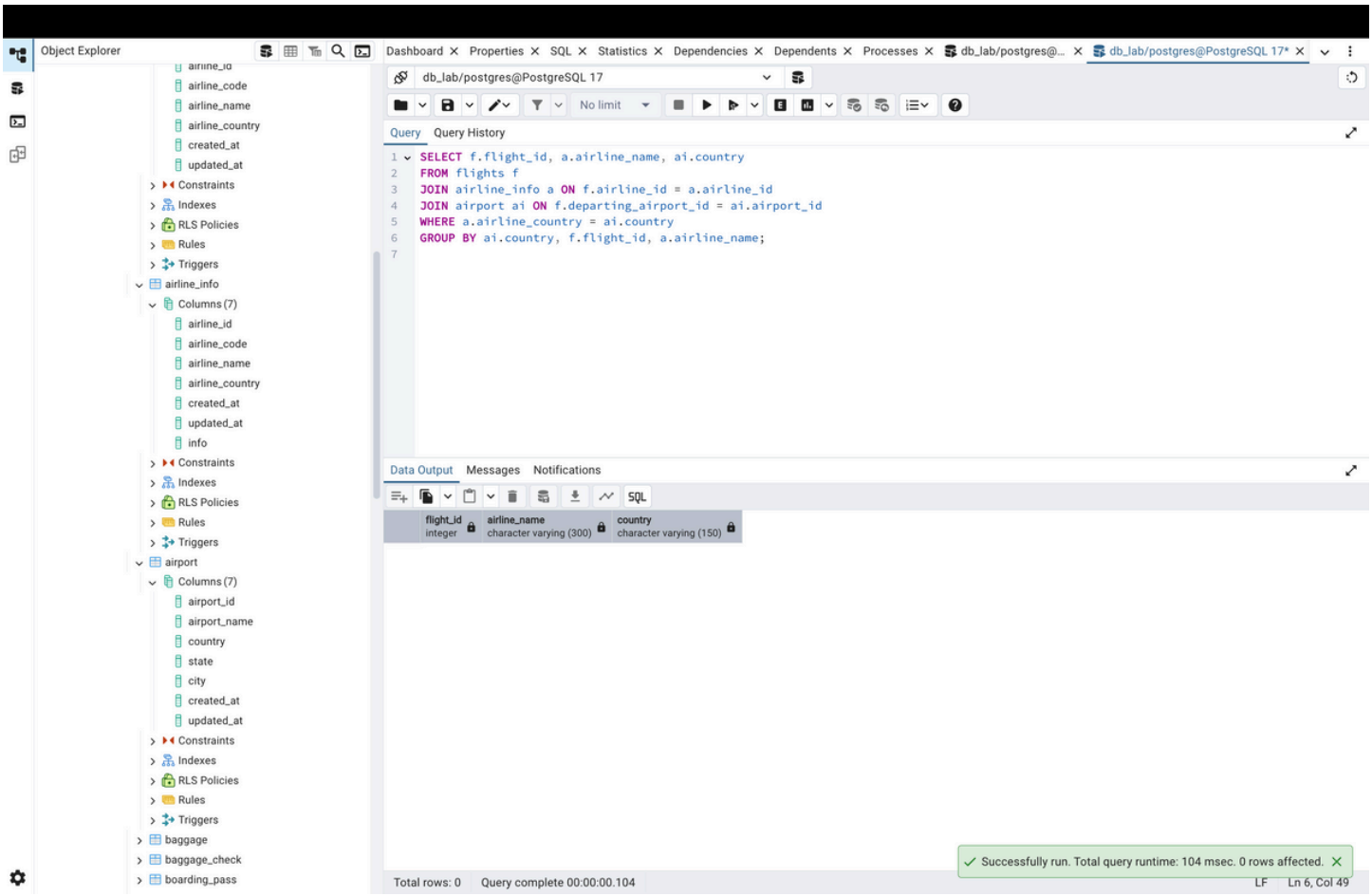

7. Display a list of minor passengers and their arrival destination.



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.


Object Explorer
airline_id
airline_code
airline_name
airline_country
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
airline_info
Columns (7)
airline_id
airline_code
airline_name
airline_country
created_at
updated_at
info
Constraints
Indexes
RLS Policies
Rules
Triggers
airport
Columns (7)
airport_id
airport_name
country
state
city
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
baggage
baggage_check
boarding_pass
Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
Processes
db_lab/postgres@...
db_lab/postgres@PostgreSQL 17*
db_lab/postgres@PostgreSQL 17
No limit
Query
Query History
1 SELECT f.flight_id, a.airline_name, ai.country
2 FROM flights f
3 JOIN airline_info a ON f.airline_id = a.airline_id
4 JOIN airport ai ON f.departing_airport_id = ai.airport_id
5 WHERE a.airline_country = ai.country
6 GROUP BY ai.country, f.flight_id, a.airline_name;
7
Data Output
Messages
Notifications
SQL
flight_id
integer
airline_name
character varying (300)
country
character varying (150)
Successfully run. Total query runtime: 104 msec. 0 rows affected.
Total rows: 0
Query complete 00:00:00.104
LF
Ln 6, Col 49