Kazakh-British Technical University

DATABASES

Lab 6

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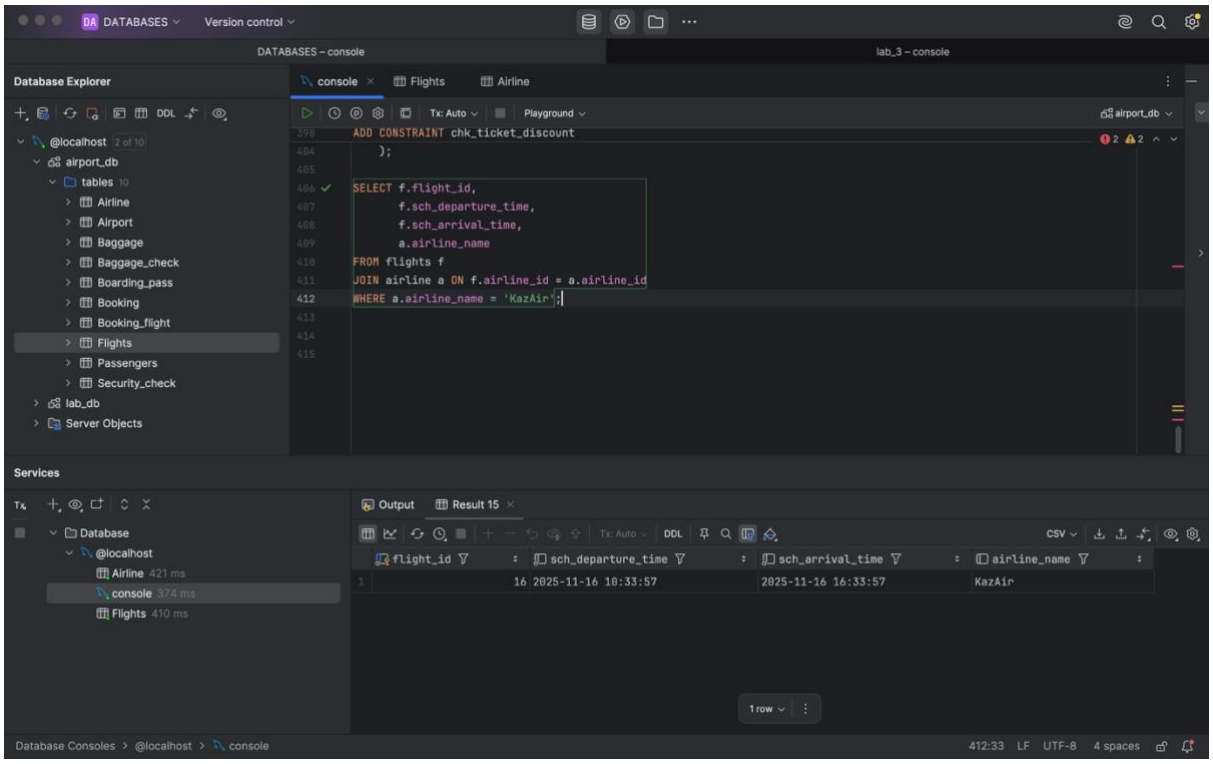
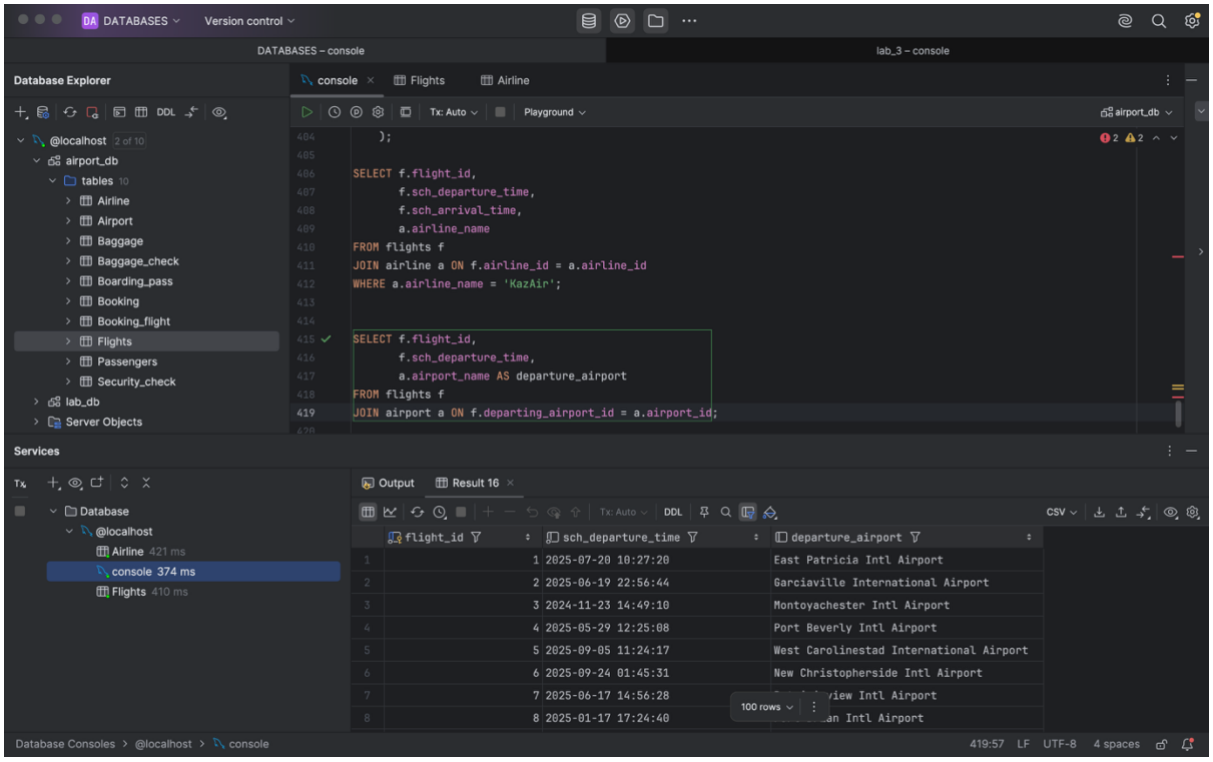
23B031861

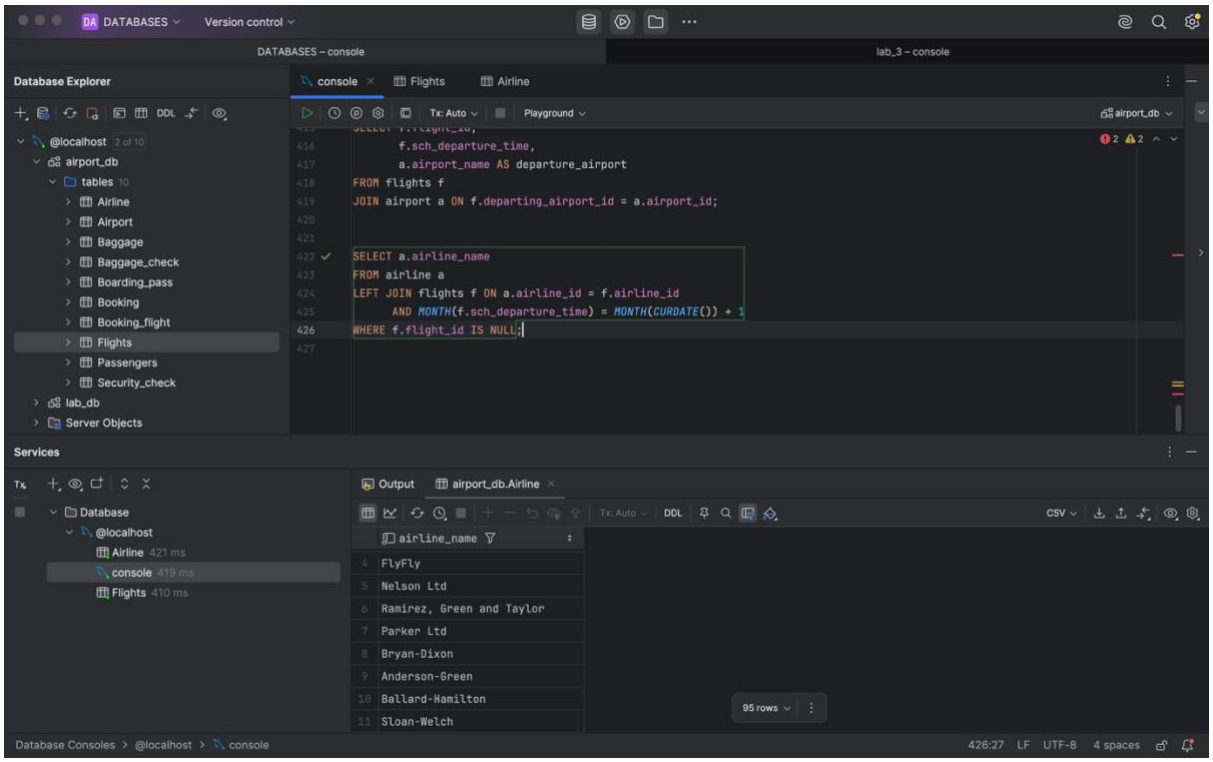
1. Write a query that displays all flights of a specific airline.



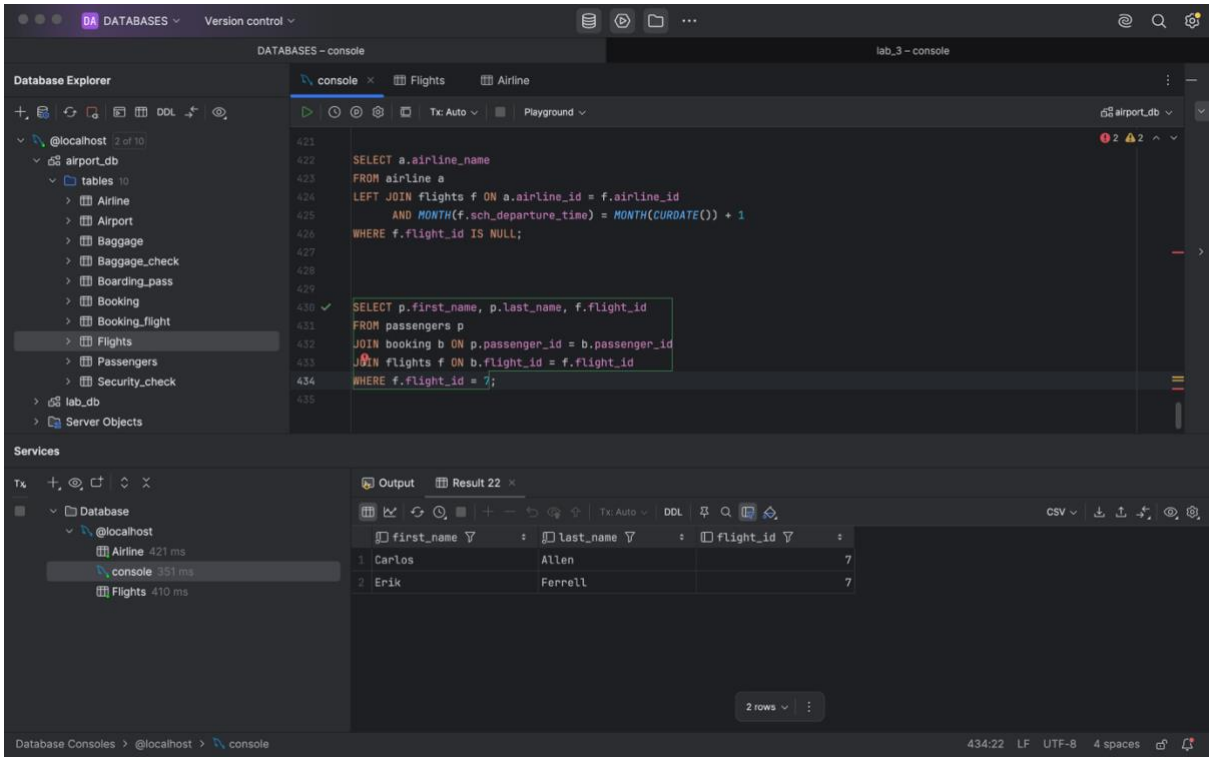
2. Compose a query to obtain a list of all flights with the names of departure airports.



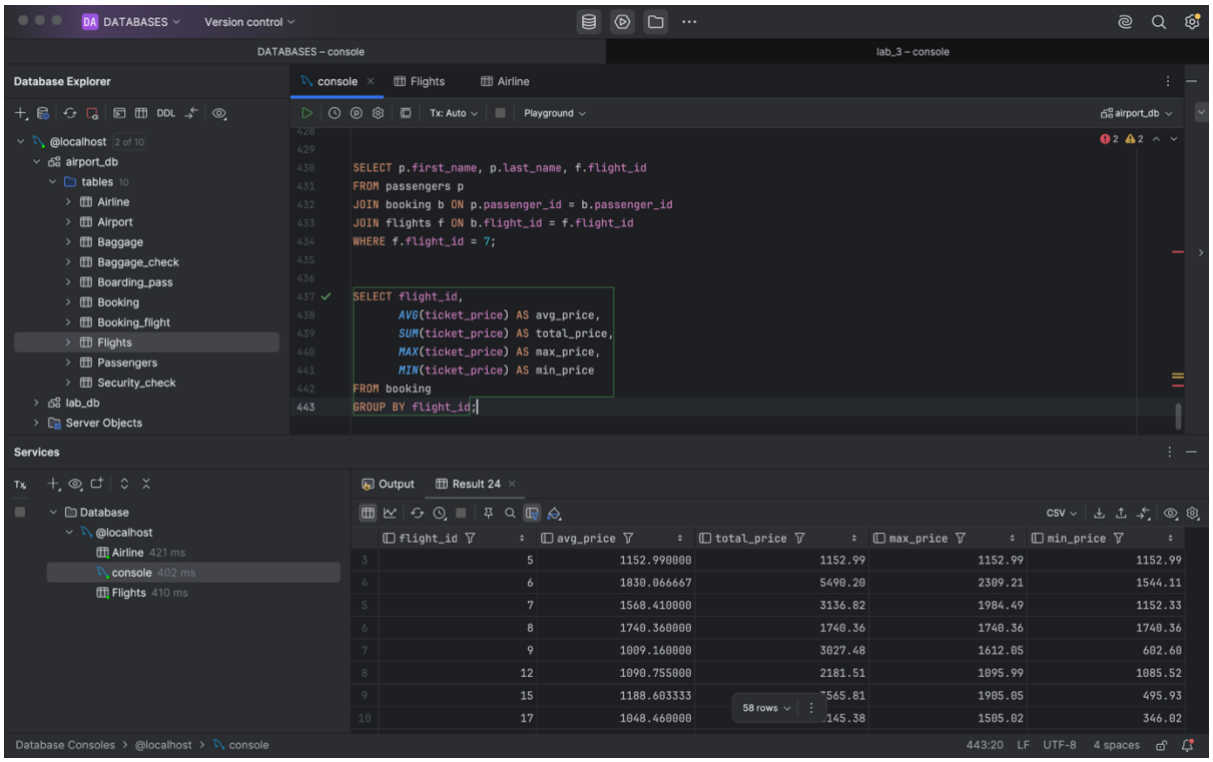
3. Create a query that finds all airlines that have no flights scheduled for the next month.



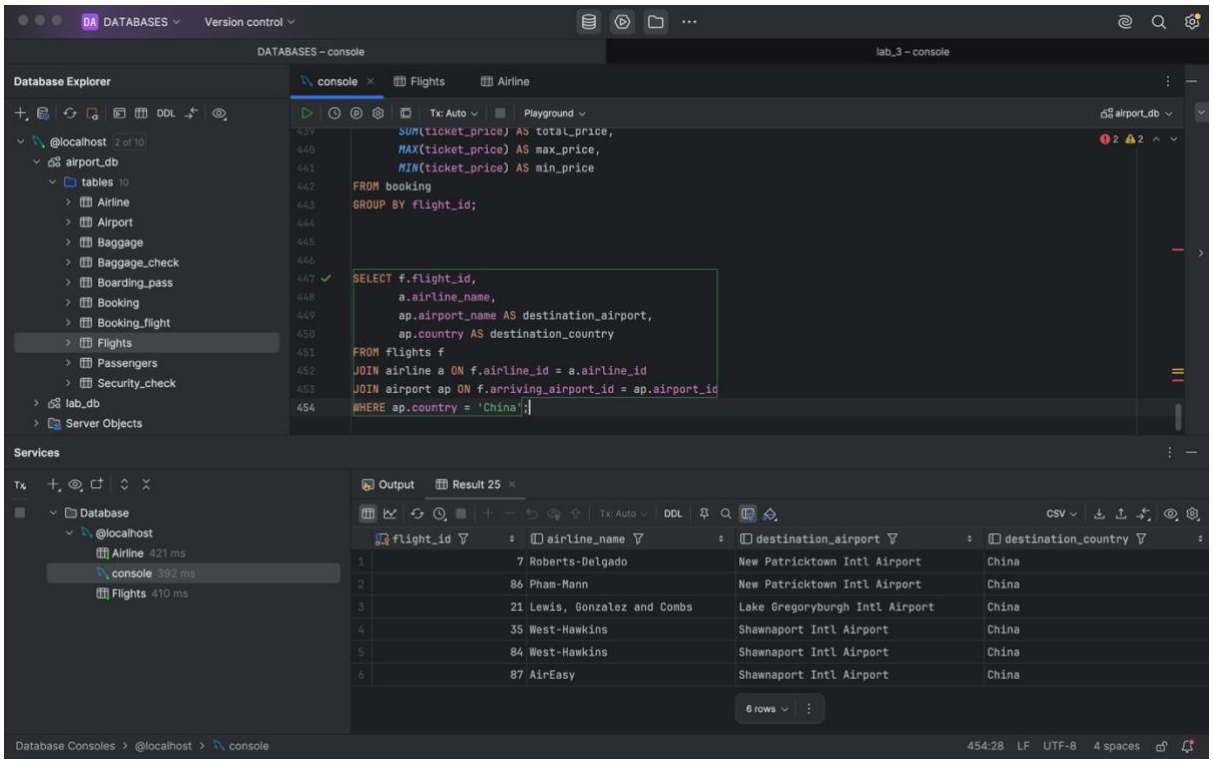
4. Create a query to display a list of passengers on a specific flight.



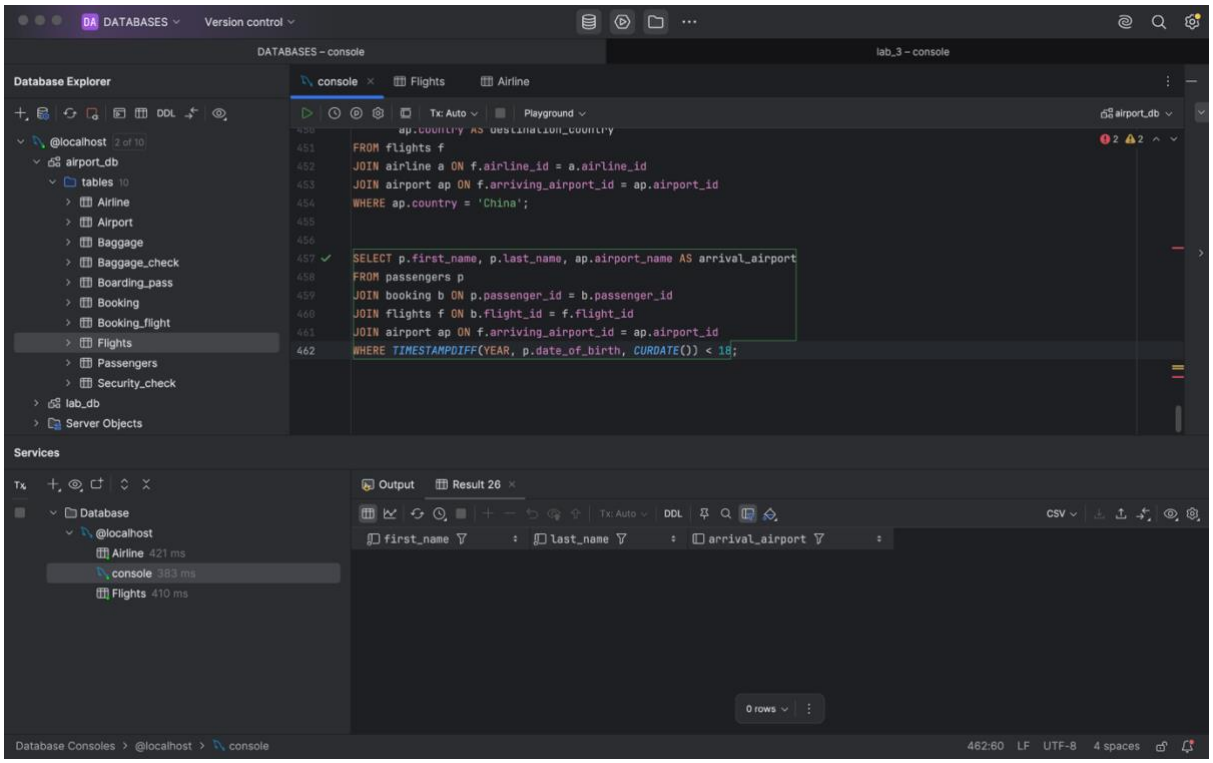
5. Write a query that calculates the average, total, maximum and minimum price of tickets for each flight.



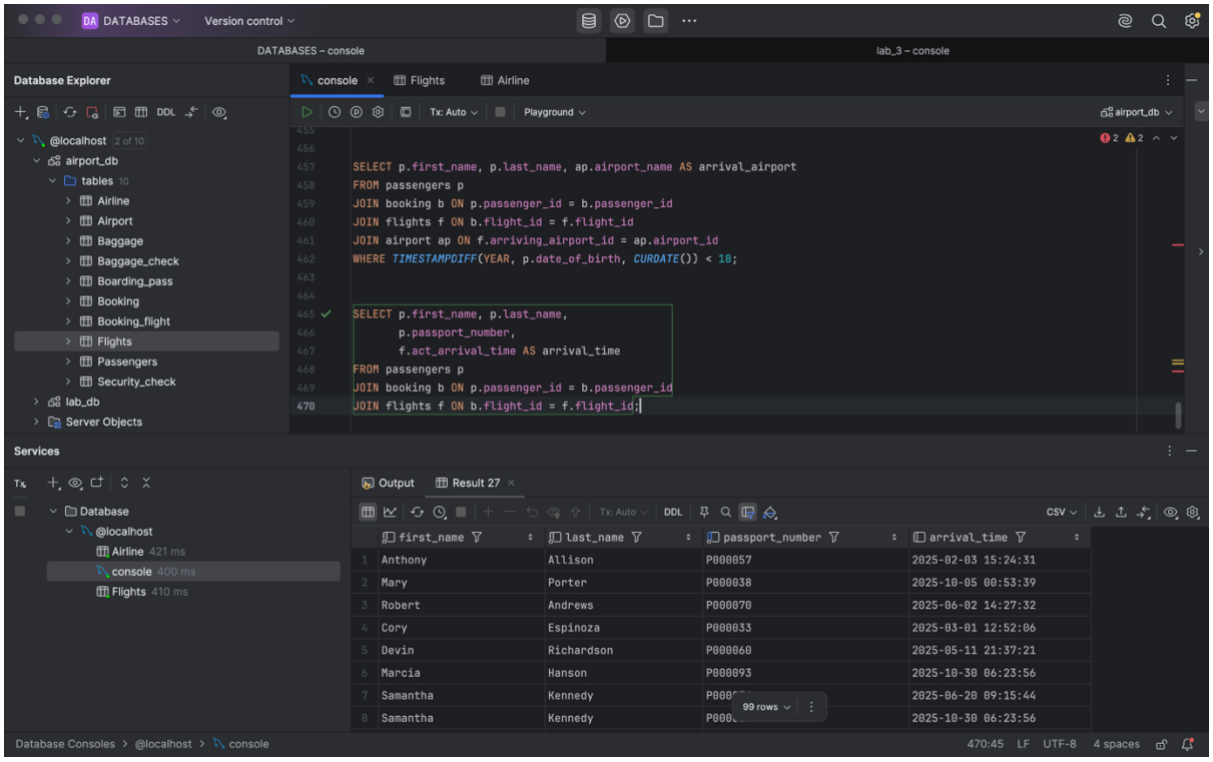
6. Create a query that shows all flights flying to a specific country by combining flights, airports and airline.



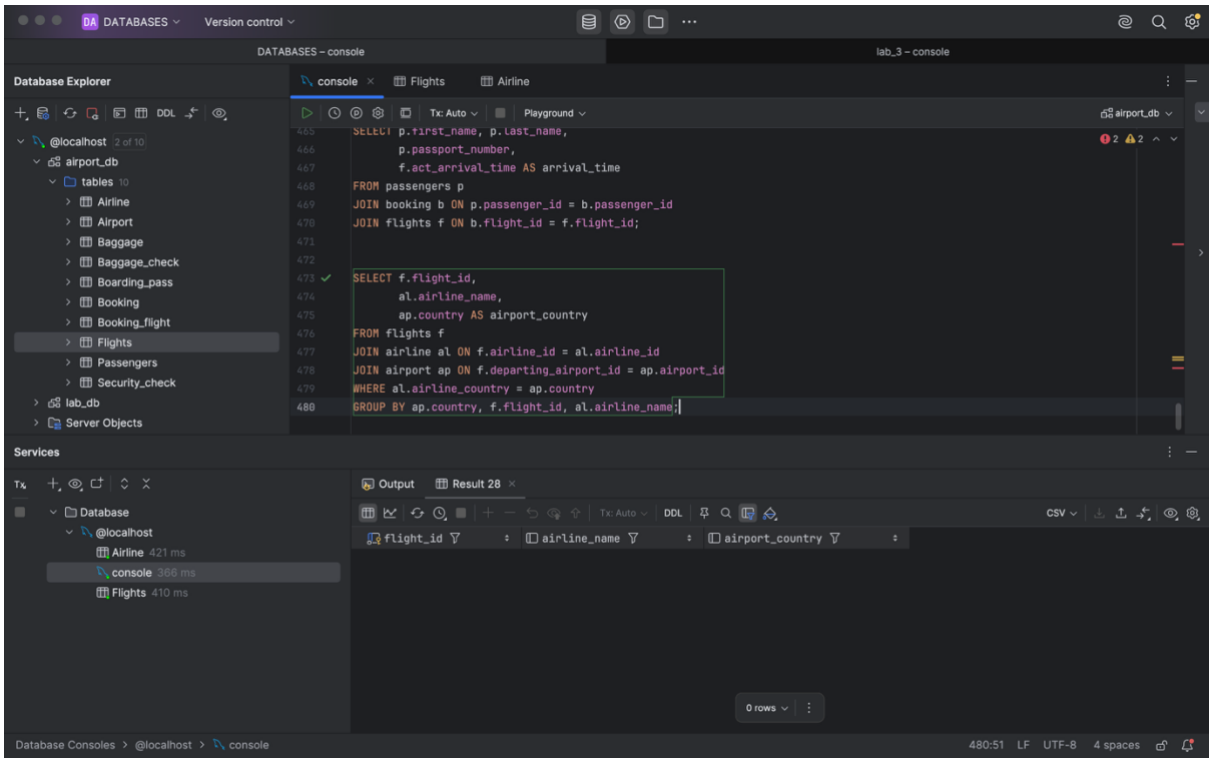
7. Display a list of minor passengers and their arrival destination.



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.



Conclusion

In this lab work, I learned how to use different types of SQL JOINs to combine data from multiple related tables.

I practiced using **INNER JOIN, LEFT JOIN, RIGHT JOIN, and FULL JOIN** to extract connected information such as flight details, passengers, and airlines.

This helped me understand how relationships between tables work and how to write more complex queries to get meaningful results from a relational database.