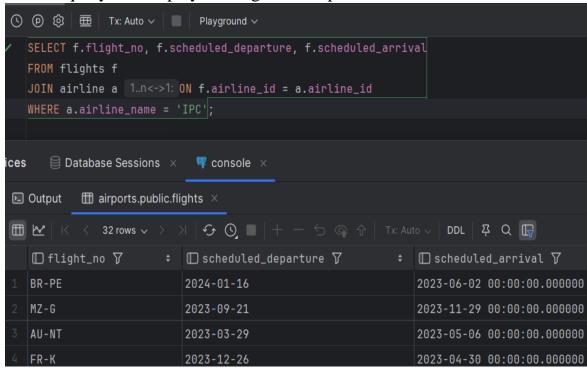
## Laboratory work 6

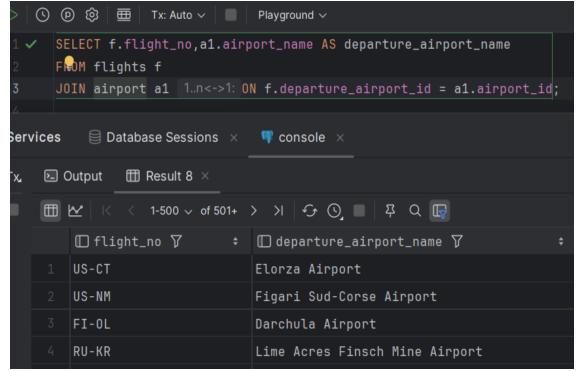
Submission format: word or pdf document containing screenshots of your tasks with answers that covers full-page (Alt+PrtSc).

## **JOIN** operations tasks

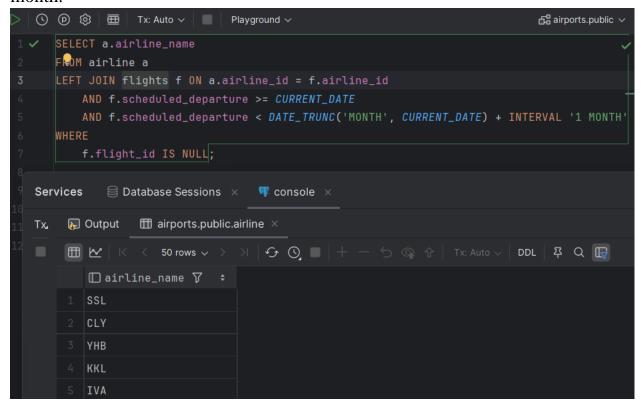
1. Write a query that displays all flights of a specific airline.



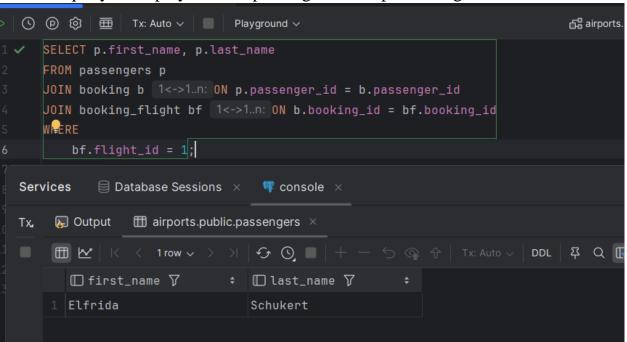
2. Compose a query to obtain a list of all flights with the names of departure airports.



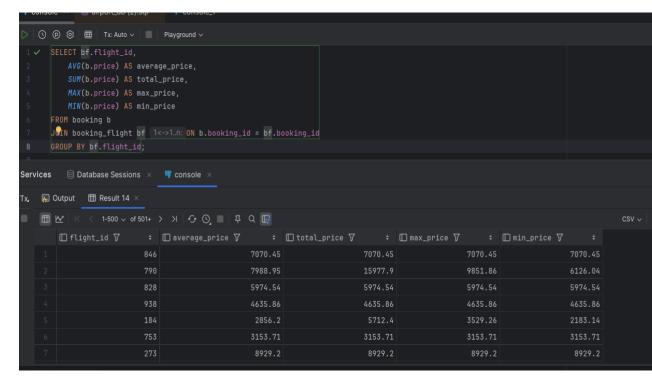
3. Create a query that finds all airlines that have no flights scheduled for the next month.



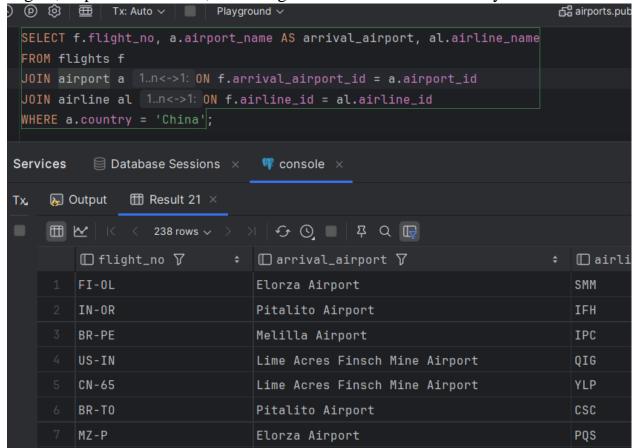
4. Create a query to display a list of passengers on a specific flight.



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



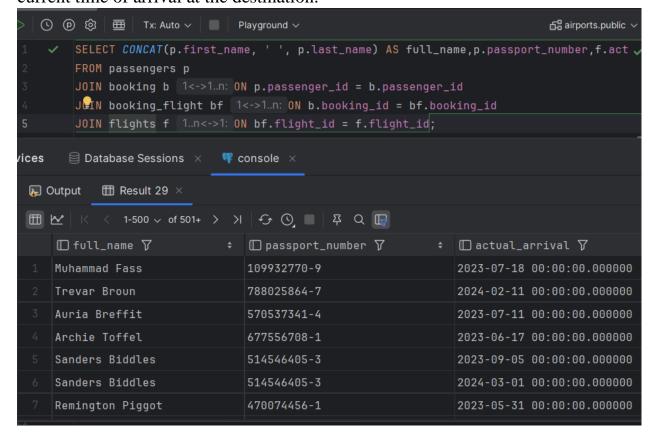
6. Create a query that shows all flights flying to a specific country by combining flights, airports and airline, and using the condition on the country name.



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

```
U ® Ø ⊞ Tx: Auto ∨ |
                          Playground ~
                                                                      品 airports.public
   SELECT p.first_name,p.last_name,a2.airport_name AS arrival_airport_name
   FROM passengers p
   JOIN booking b 1<->1..n: ON p.passenger_id = b.passenger_id
   JOIN booking_flight bf 1<->1..n: ON b.booking_id = bf.booking_id
   JOIN flights f 1..n<->1: ON bf.flight_id = f.flight_id
   JEIN airport a2 1..n<->1: ON f.arrival_airport_id = a2.airport_id
       date_part('year', age(p.date_of_birth)) < 18;</pre>
Services
         Database Sessions ×
                              console ×
    Output
              fff Result 28 ×
Tχ
   □ first_name 
                          1 Vivyan
                                                   Alert Bay Airport
                             Mallabone
    2 Lester
                             Blades
                                                   Armidale Airport
      Lester
                             Blades
                                                   Figari Sud-Corse Airport
    4 Cleve
                                                   Industrial Airpark
                             Edgeler
    5 Bradley
                             Grolle
                                                   Armidale Airport
    6 Zedekiah
                             Jull
                                                   Garbaharey Airport
    7 Cleve
                             Edgeler
                                                   Fort Worth Alliance Airport
```

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.

