Kazakh-British Technical University

Databases

Laboratory work №5

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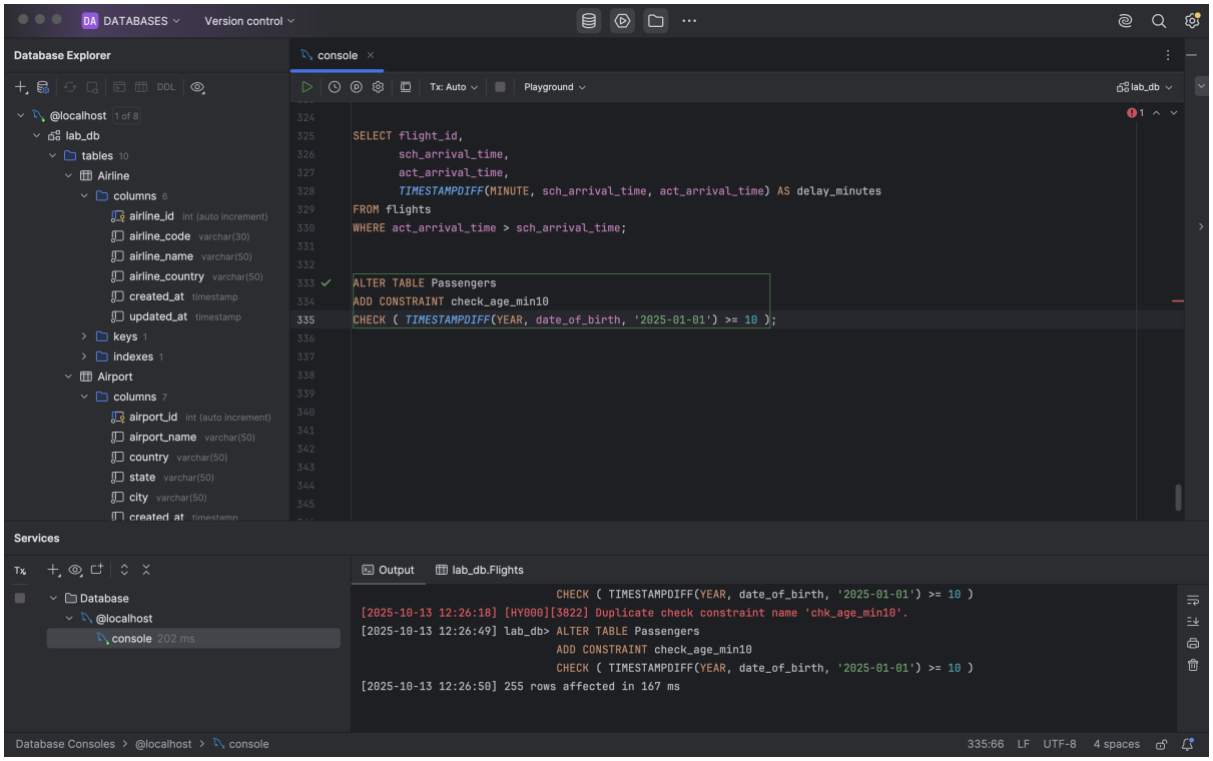
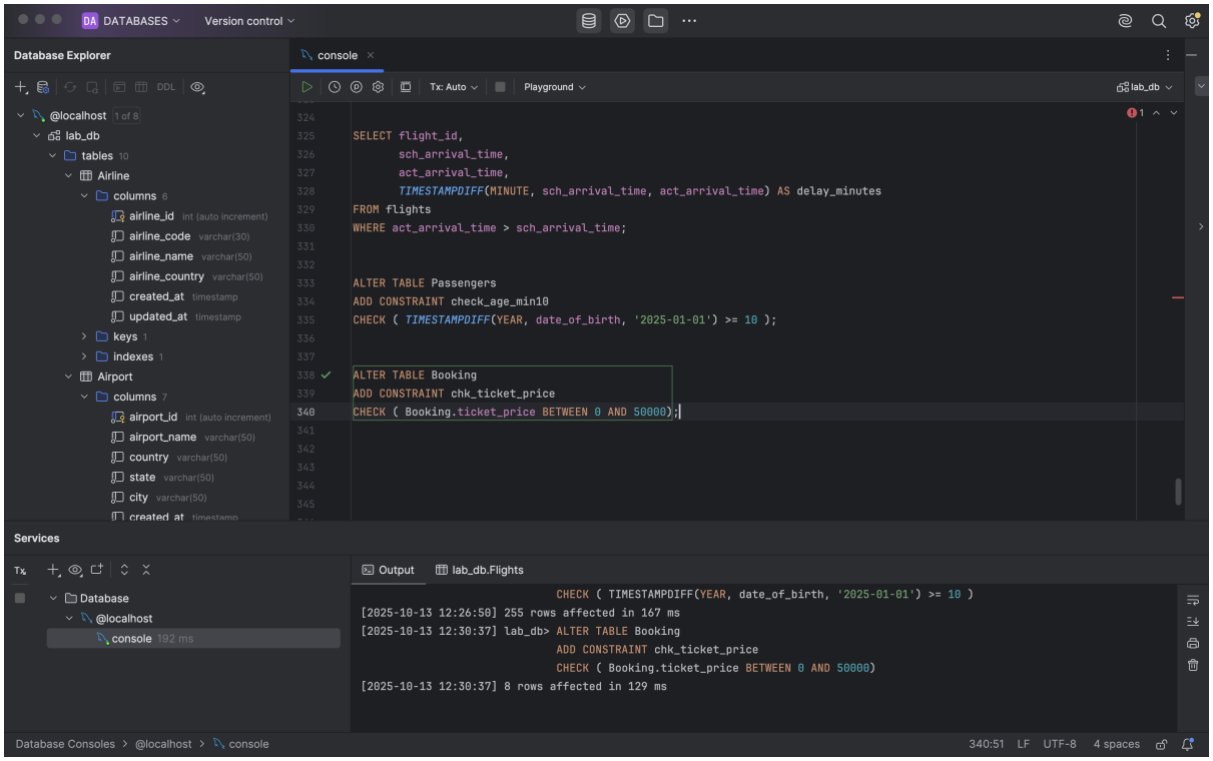
23B031861

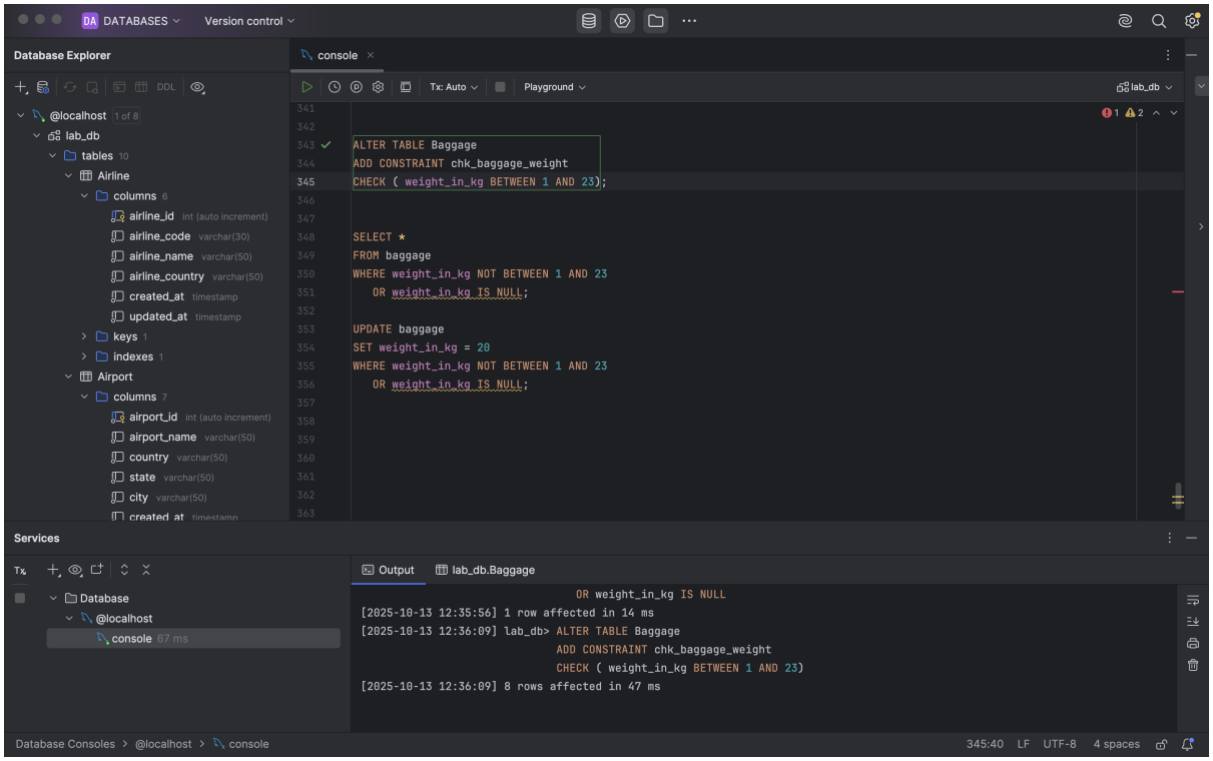
TASK 1. Add a CHECK constraint to passenger table to provide that passengers must be at least 10 years old.



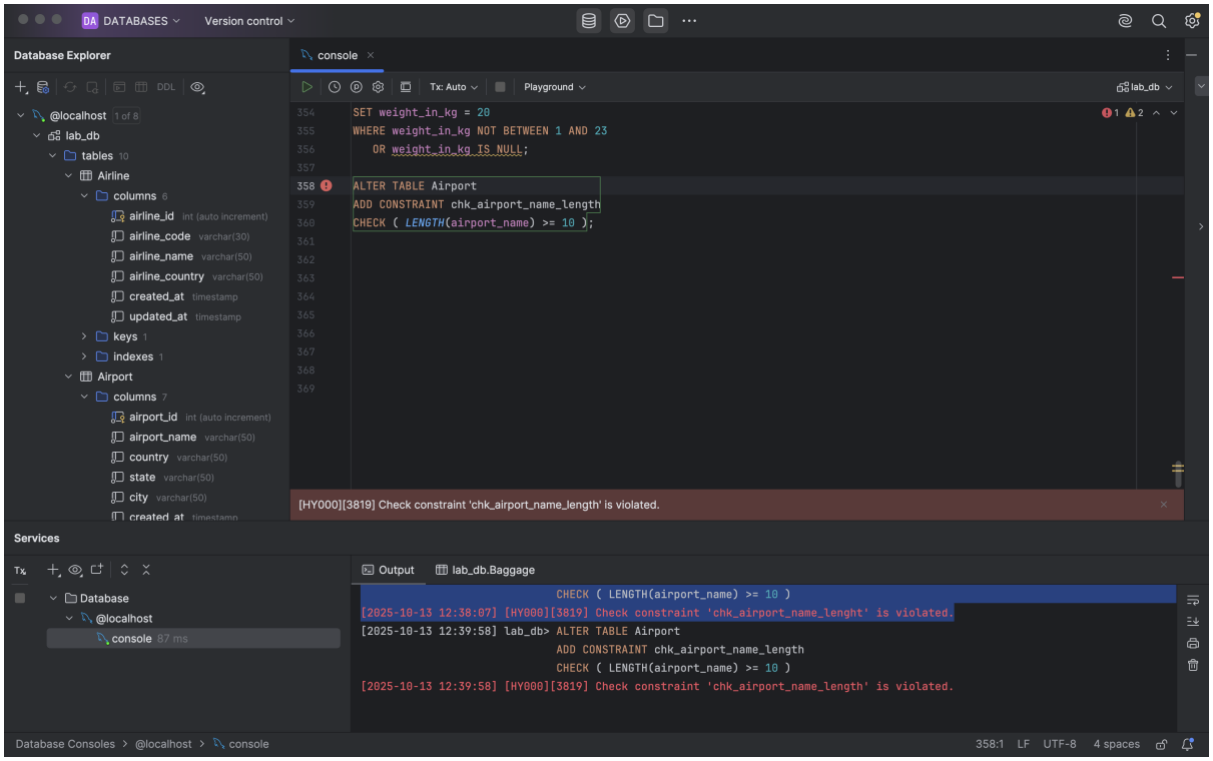
TASK 2. Add a CHECK constraint to accept values in booking price not more than 50000tg and less than 0tg.



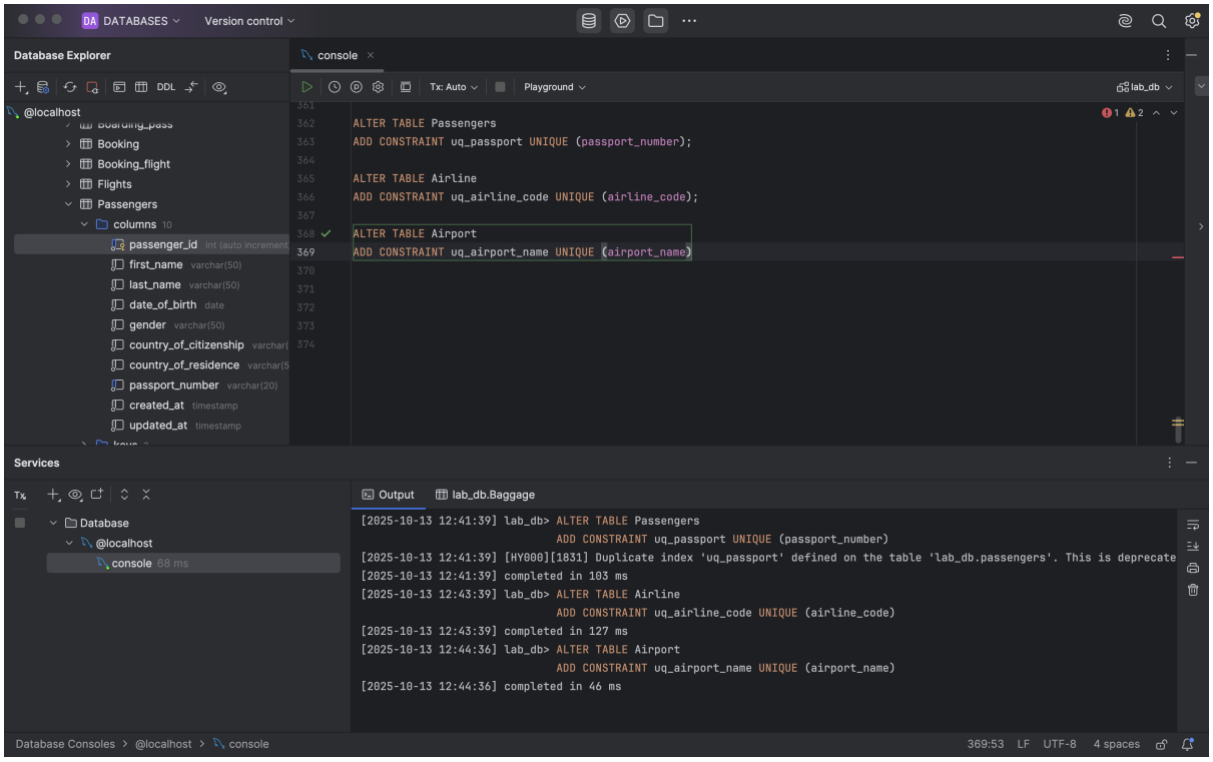
TASK 3. Add a CHECK constraint to accept the luggage weight between 1 and 23 kg.



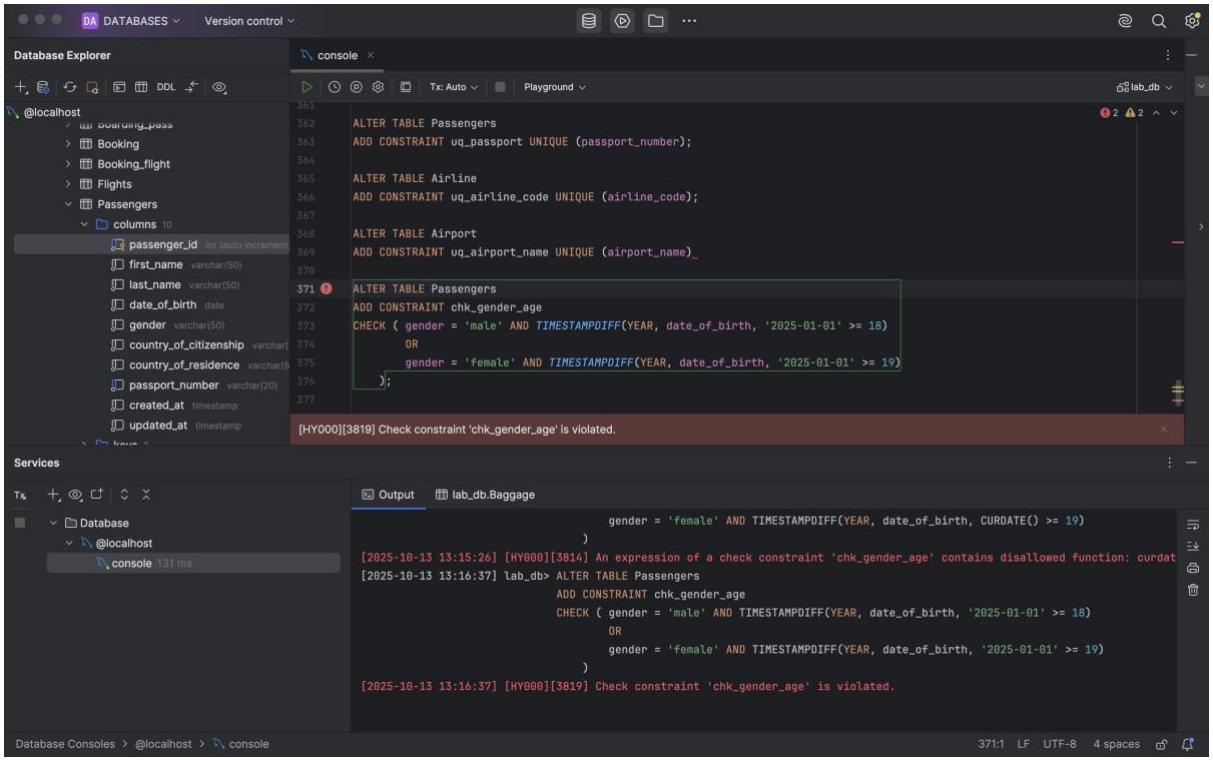
4. Add a CHECK constraint to ensure that all values in airport_name must have at least 10 characters.



5. Add UNIQUE constraint to some columns in each table in database.

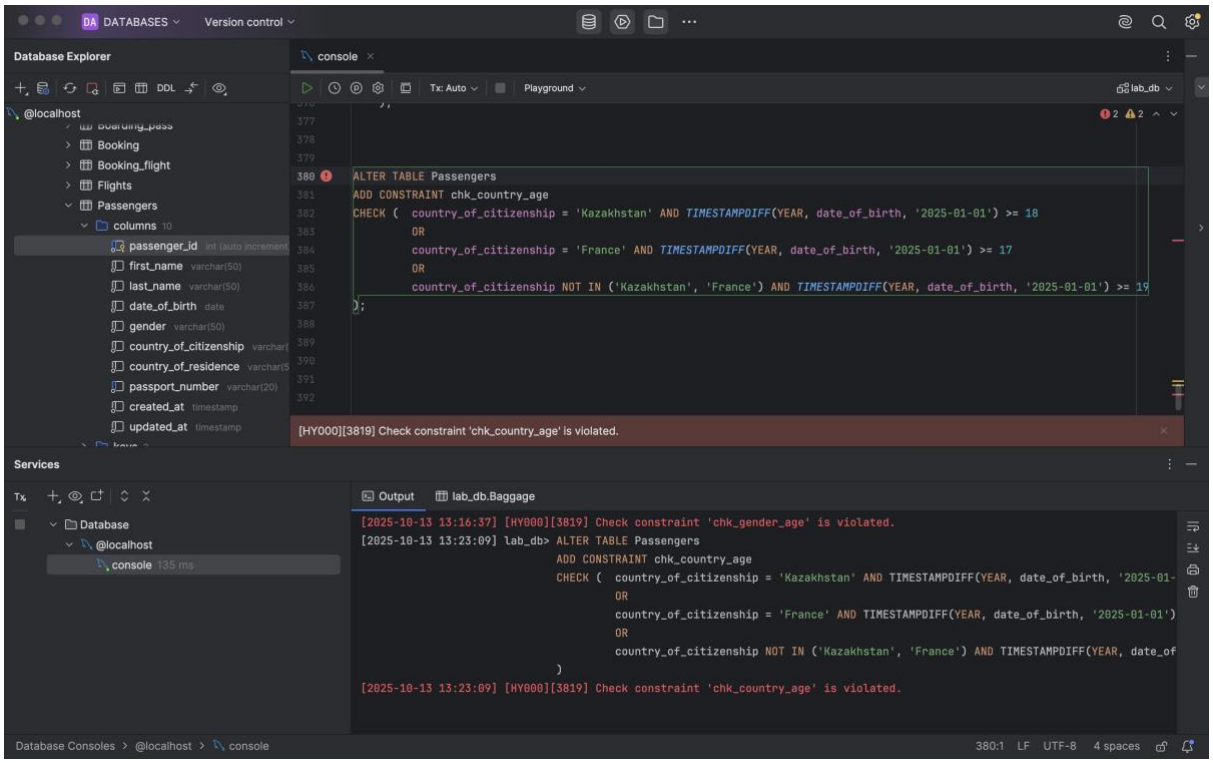


6. Add a CHECK constraint to ensure that male passengers must be at least 18 years old and female passengers must be 19 years old.



7. Add a CHECK constraint to add rule as follow (use column country_of_citizenship):

- **Passengers from Kazakhstan must be at least 18 years old.**
- **Passengers from France must be at least 17 years old.**
- **Passengers from other countries must be at least 19 years old.**



8. Add a ticket_discount column to table booking and a CHECK constraint to apply some discount based on ticket price and created time:

- **the constraint applies a 5% discount for tickets created after 2024-01-01,**

and 10% discount for tickets created before 2024-01-01.