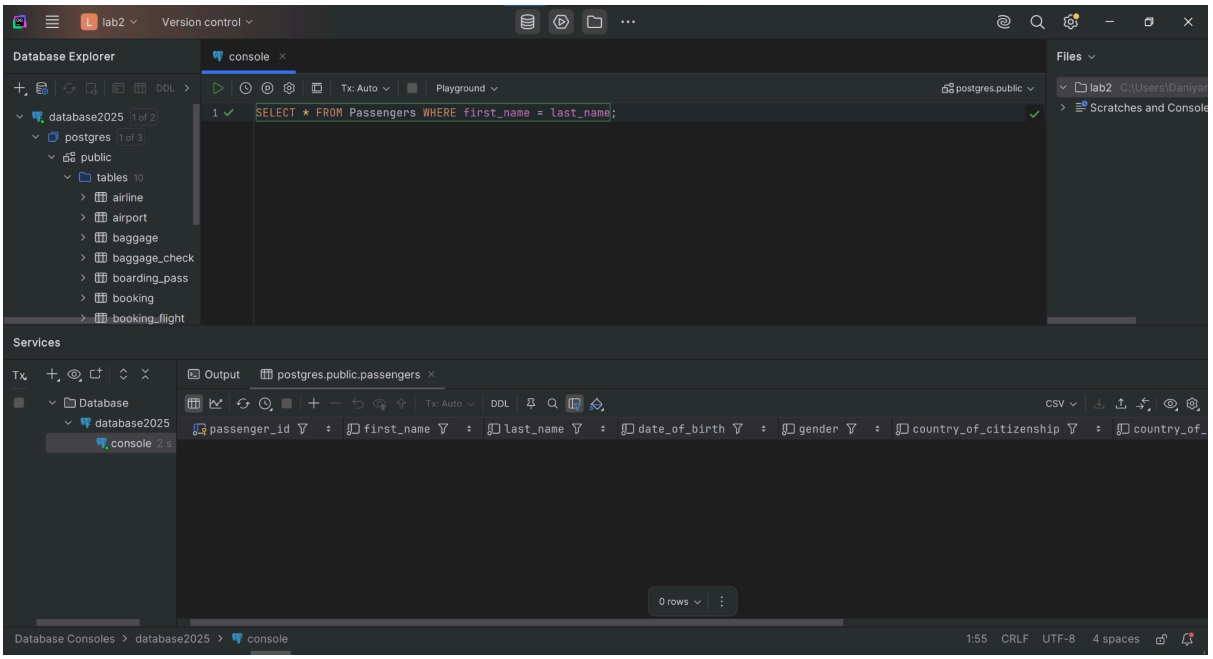
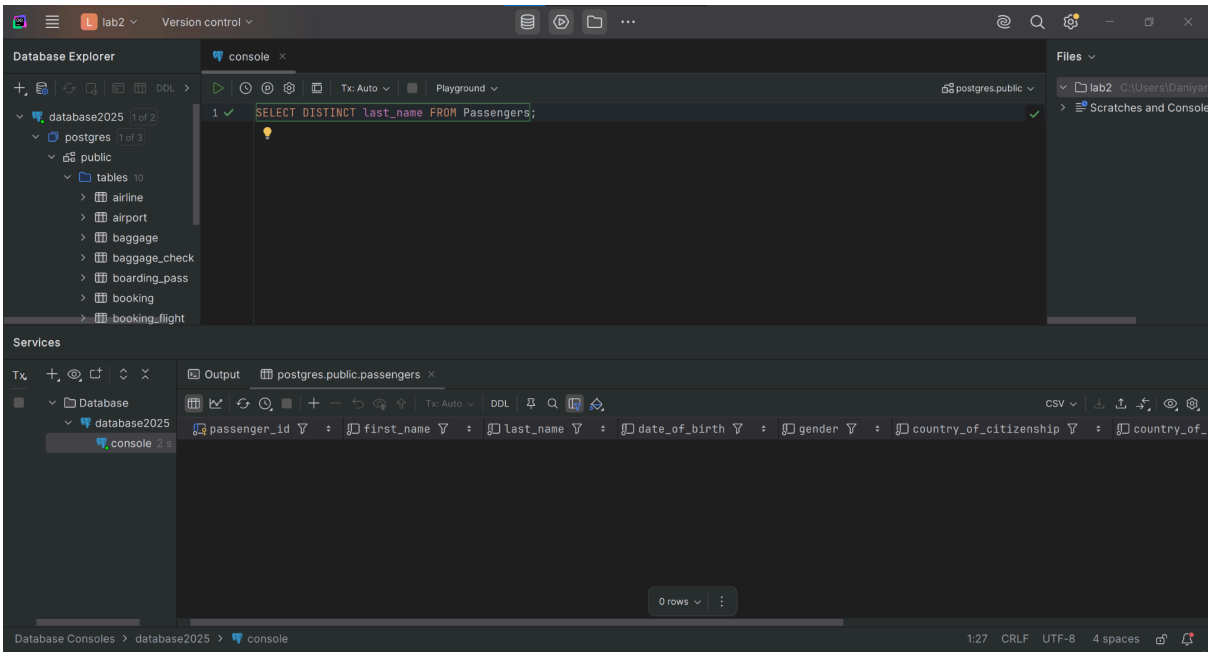
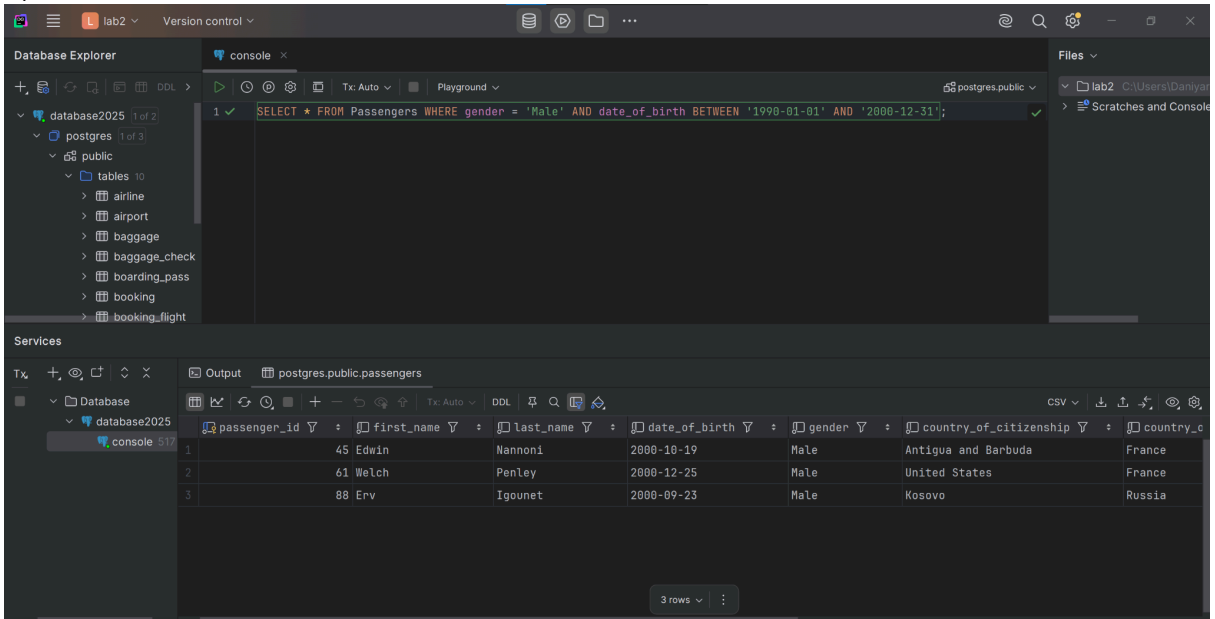
1)


lab2
Version control
Database Explorer
console
Files
SELECT * FROM Passengers WHERE first_name = last_name;
database2025
postgres
public
tables
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
Services
Output
postgres.public.passengers
passenger_id
first_name
last_name
date_of_birth
gender
country_of_citizenship
0 rows
Database Consoles
database2025
console
1:55
CRLF
UTF-8
4 spaces

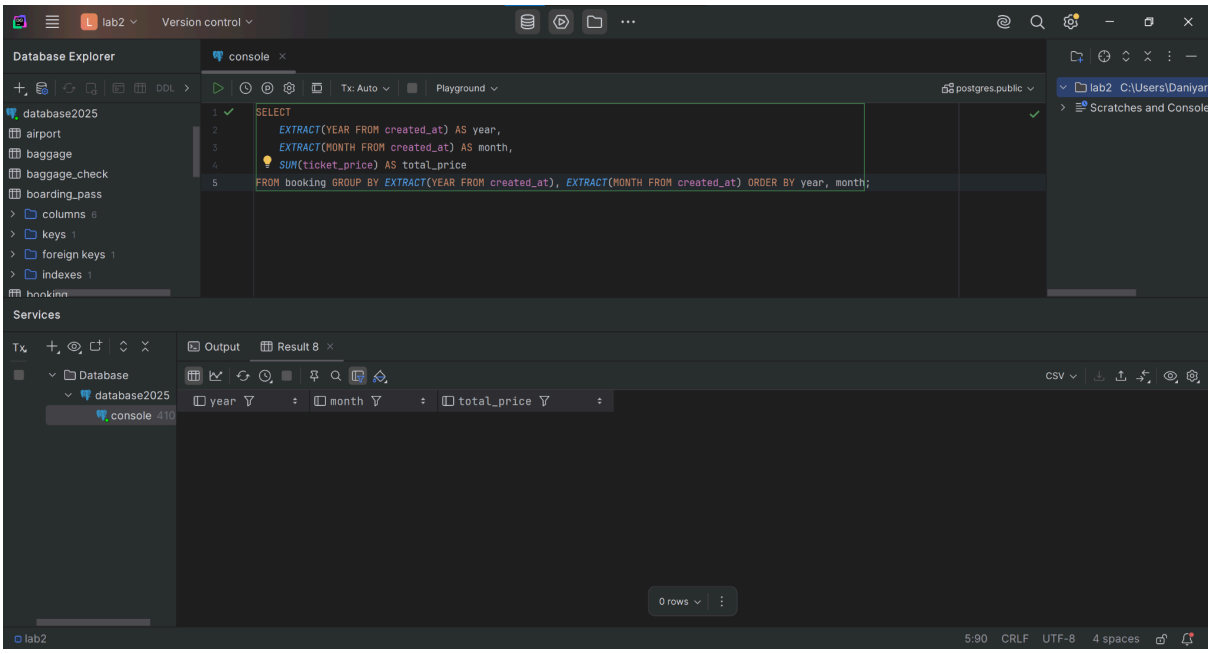
2)


lab2
Version control
Database Explorer
console
Files
SELECT DISTINCT last_name FROM Passengers;
database2025
postgres
public
tables
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
Services
Output
postgres.public.passengers
passenger_id
first_name
last_name
date_of_birth
gender
country_of_citizenship
0 rows
Database Consoles
database2025
console
1:27
CRLF
UTF-8
4 spaces

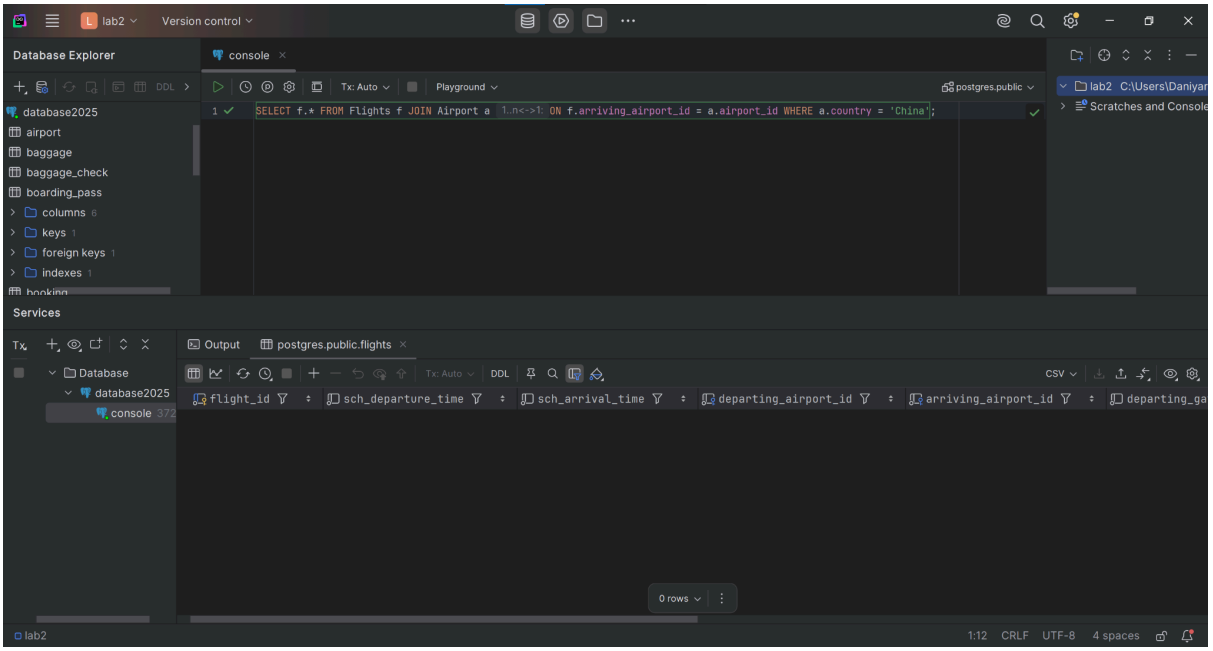
3)


lab2
Version control
Database Explorer
console
Files
SELECT * FROM Passengers WHERE gender = 'Male' AND date_of_birth BETWEEN '1990-01-01' AND '2000-12-31';
database2025
postgres
public
tables
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
Services
Output
postgres.public.passengers
passenger_id
first_name
last_name
date_of_birth
gender
country_of_citizenship
45 Edwin Nannoni 2000-10-19 Male Antigua and Barbuda France
61 Welch Penley 2000-12-25 Male United States France
88 Erv Igounet 2000-09-23 Male Kosovo Russia
3 rows

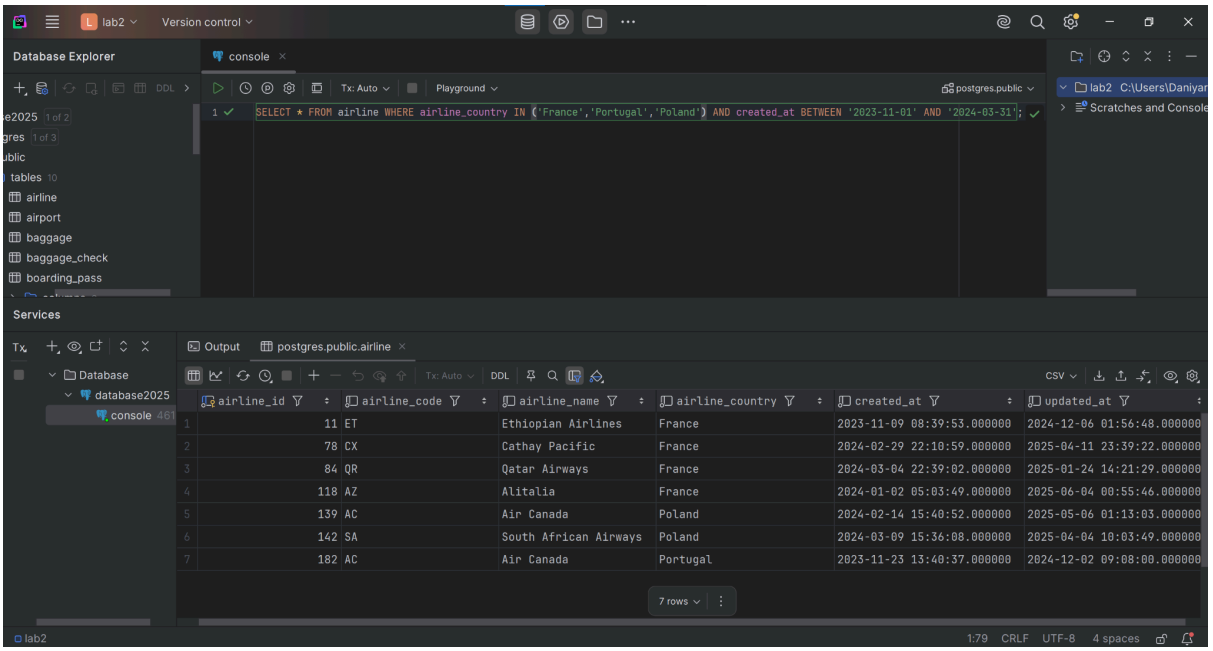
4)


lab2
Version control
Database Explorer
console
Tx: Auto
Playground
postgres.public
database2025
airport
baggage
baggage_check
boarding_pass
columns 6
keys 1
foreign keys 1
indexes 1
SELECT
EXTRACT(YEAR FROM created_at) AS year,
EXTRACT(MONTH FROM created_at) AS month,
SUM(ticket_price) AS total_price
FROM booking GROUP BY EXTRACT(YEAR FROM created_at), EXTRACT(MONTH FROM created_at) ORDER BY year, month;
Services
Output
Result 8
Database
database2025
console
year
month
total_price
0 rows
lab2
5:90
CRLF
UTF-8
4 spaces

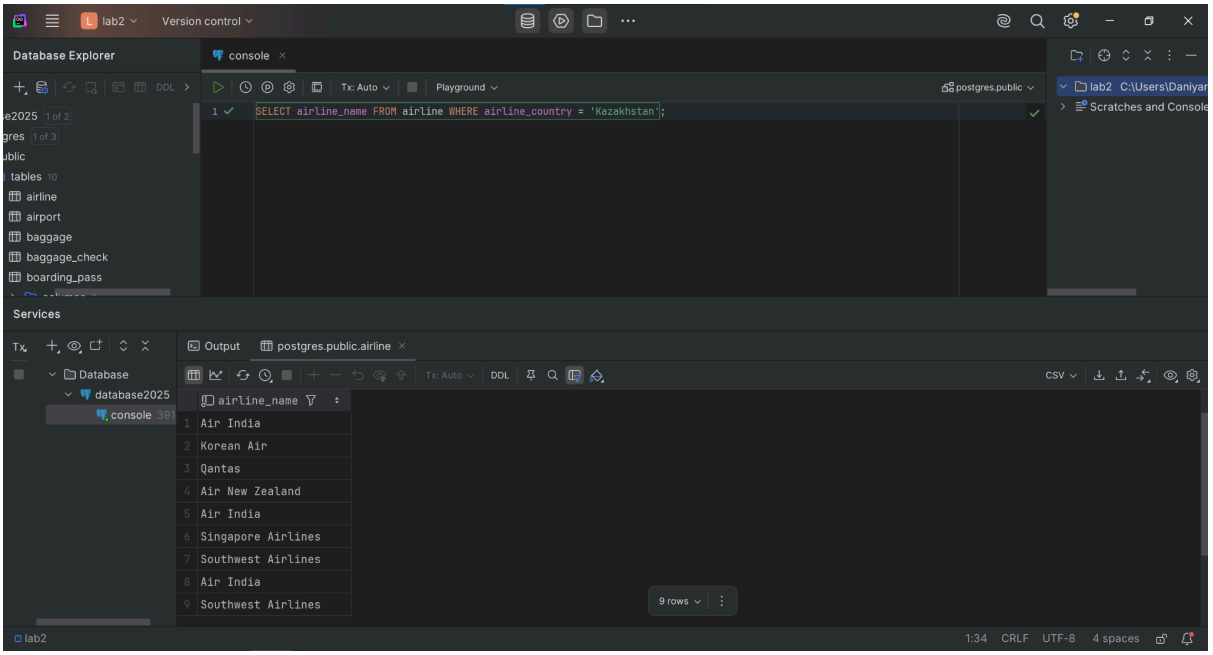
5)


lab2
Version control
Database Explorer
console
Tx: Auto
Playground
postgres.public
database2025
airport
baggage
baggage_check
boarding_pass
columns 6
keys 1
foreign keys 1
indexes 1
SELECT f.* FROM flights f JOIN Airport a
ON f.arriving_airport_id = a.airport_id WHERE a.country = 'China';
Services
Output
postgres.public.flights
Database
database2025
console
flight_id
sch_departure_time
sch_arrival_time
departing_airport_id
arriving_airport_id
0 rows
lab2
1:12
CRLF
UTF-8
4 spaces

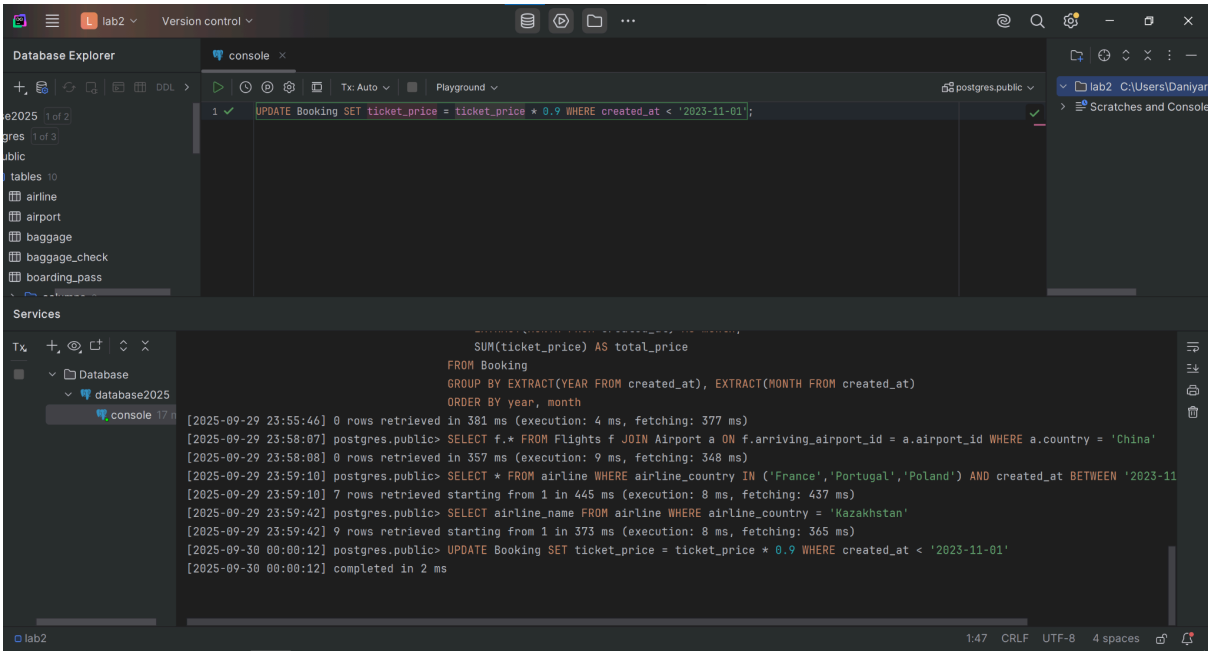
6)


lab2
Version control
Database Explorer
console
Tx: Auto
Playground
postgres.public
SELECT * FROM airline WHERE airline_country IN ('France','Portugal','Poland') AND created_at BETWEEN '2023-11-01' AND '2024-03-31';
lab2 C:\Users\Daniyar
Scratches and Console
tables 10
airline
airport
baggage
baggage_check
boarding_pass
Services
Output
postgres.public.airline
Database
database2025
console
DDL
CSV
airline_id | airline_code | airline_name | airline_country | created_at | updated_at
11 | ET | Ethiopian Airlines | France | 2023-11-09 08:39:53.000000 | 2024-12-06 01:56:48.000000
78 | CX | Cathay Pacific | France | 2024-02-29 22:10:59.000000 | 2025-04-11 23:39:22.000000
84 | QR | Qatar Airways | France | 2024-03-04 22:39:02.000000 | 2025-01-24 14:21:29.000000
118 | AZ | Alitalia | France | 2024-01-02 05:03:49.000000 | 2025-06-04 00:55:46.000000
139 | AC | Air Canada | Poland | 2024-02-14 15:40:52.000000 | 2025-05-06 01:13:03.000000
142 | SA | South African Airways | Poland | 2024-03-09 15:36:08.000000 | 2025-04-04 10:03:49.000000
182 | AC | Air Canada | Portugal | 2023-11-23 13:40:37.000000 | 2024-12-02 09:08:00.000000
7 rows
lab2
1:79
CRLF
UTF-8
4 spaces

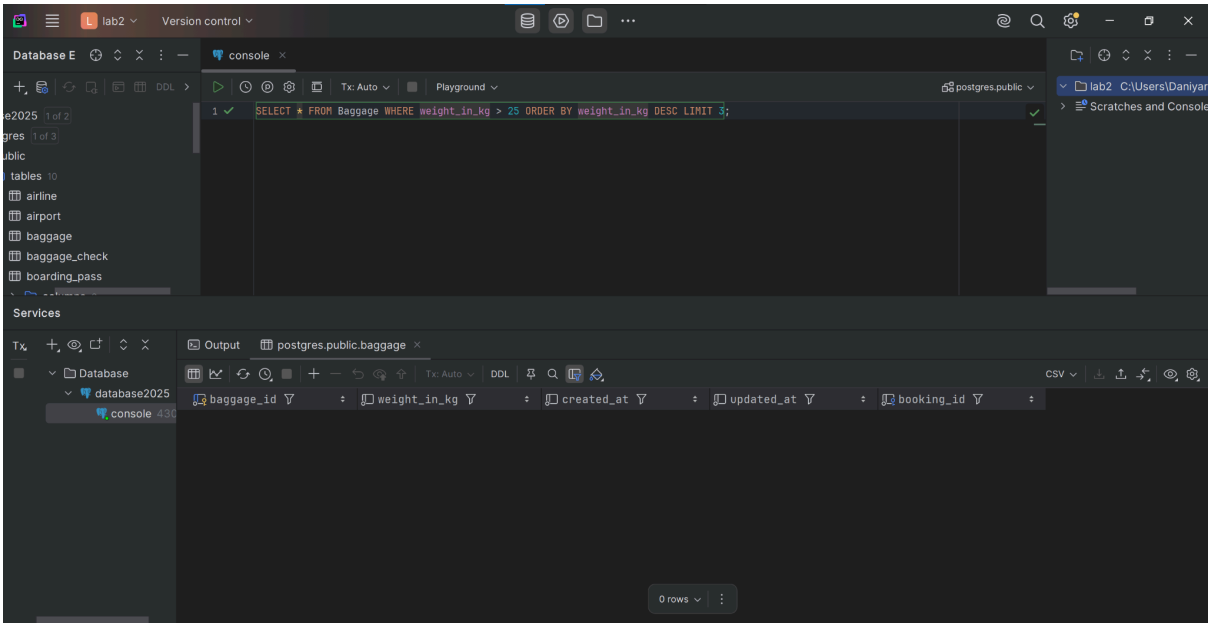
7)


lab2
Version control
Database Explorer
console
Tx: Auto
Playground
postgres.public
SELECT airline_name FROM airline WHERE airline_country = 'Kazakhstan';
lab2 C:\Users\Daniyar
Scratches and Console
tables 10
airline
airport
baggage
baggage_check
boarding_pass
Services
Output
postgres.public.airline
Database
database2025
console
DDL
CSV
airline_name
Air India
Korean Air
Qantas
Air New Zealand
Air India
Singapore Airlines
Southwest Airlines
Air India
Southwest Airlines
9 rows
lab2
1:34
CRLF
UTF-8
4 spaces

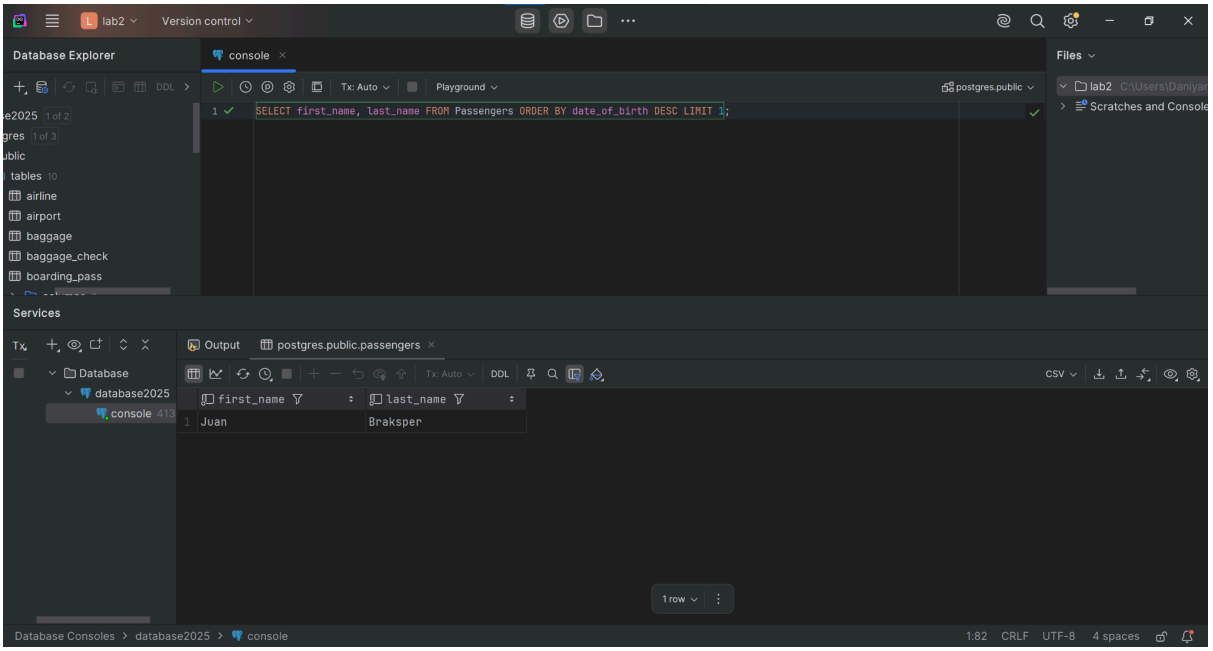
8)


lab2
Version control
Database Explorer
console
Tx: Auto
Playground
postgres.public
lab2 C:\Users\Daniyar
Scratches and Console
1 UPDATE Booking SET ticket_price = ticket_price * 0.9 WHERE created_at < '2023-11-01';
tables 10
airline
airport
baggage
baggage_check
boarding_pass
Services
Database
database2025
console
SUM(ticket_price) AS total_price
FROM Booking
GROUP BY EXTRACT(YEAR FROM created_at), EXTRACT(MONTH FROM created_at)
ORDER BY year, month
[2025-09-29 23:55:46] 0 rows retrieved in 381 ms (execution: 4 ms, fetching: 377 ms)
[2025-09-29 23:58:07] postgres.public> SELECT f.* FROM Flights f JOIN Airport a ON f.arriving_airport_id = a.airport_id WHERE a.country = 'China'
[2025-09-29 23:58:08] 0 rows retrieved in 357 ms (execution: 9 ms, fetching: 348 ms)
[2025-09-29 23:59:10] postgres.public> SELECT * FROM airline WHERE airline_country IN ('France','Portugal','Poland') AND created_at BETWEEN '2023-11
[2025-09-29 23:59:10] 7 rows retrieved starting from 1 in 445 ms (execution: 8 ms, fetching: 437 ms)
[2025-09-29 23:59:42] postgres.public> SELECT airline_name FROM airline WHERE airline_country = 'Kazakhstan'
[2025-09-29 23:59:42] 9 rows retrieved starting from 1 in 373 ms (execution: 8 ms, fetching: 365 ms)
[2025-09-30 00:00:12] postgres.public> UPDATE Booking SET ticket_price = ticket_price * 0.9 WHERE created_at < '2023-11-01'
[2025-09-30 00:00:12] completed in 2 ms
lab2
1:47 CRLF UTF-8 4 spaces

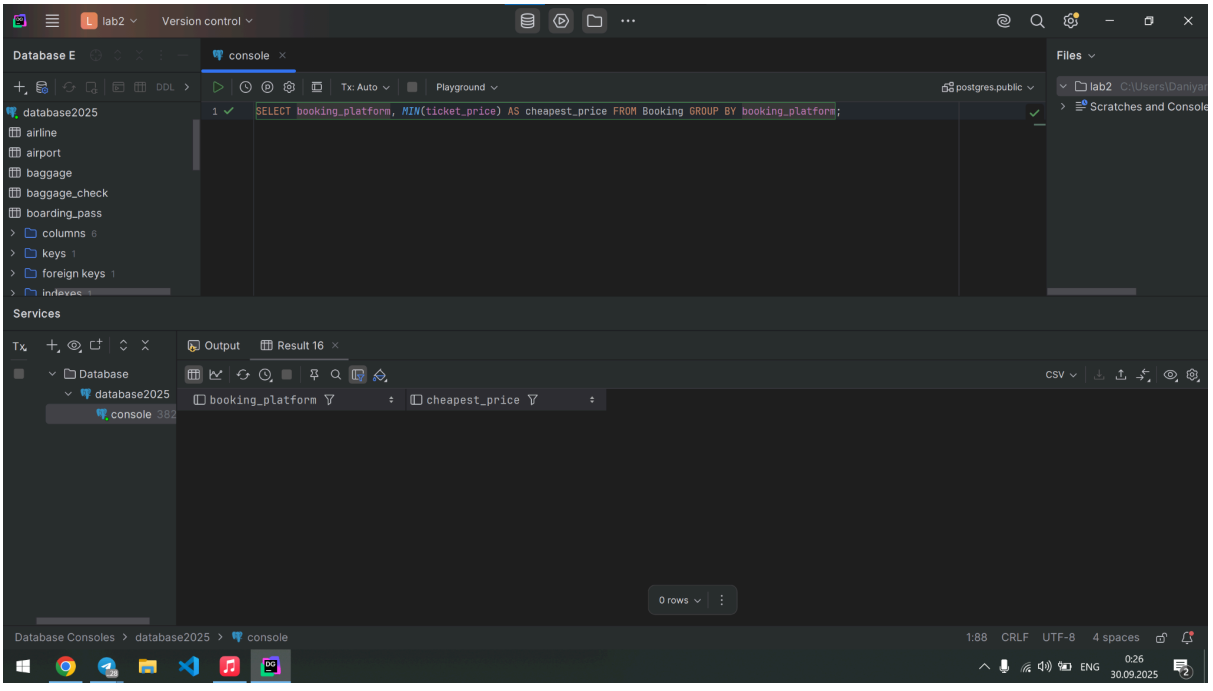
9)


lab2
Version control
Database E
console
Tx: Auto
Playground
postgres.public
lab2 C:\Users\Daniyar
Scratches and Console
1 SELECT * FROM Baggage WHERE weight_in_kg > 25 ORDER BY weight_in_kg DESC LIMIT 3;
tables 10
airline
airport
baggage
baggage_check
boarding_pass
Services
Database
database2025
console
Output
postgres.public.baggage
DDL
CSV
baggage_id
weight_in_kg
created_at
updated_at
booking_id
0 rows

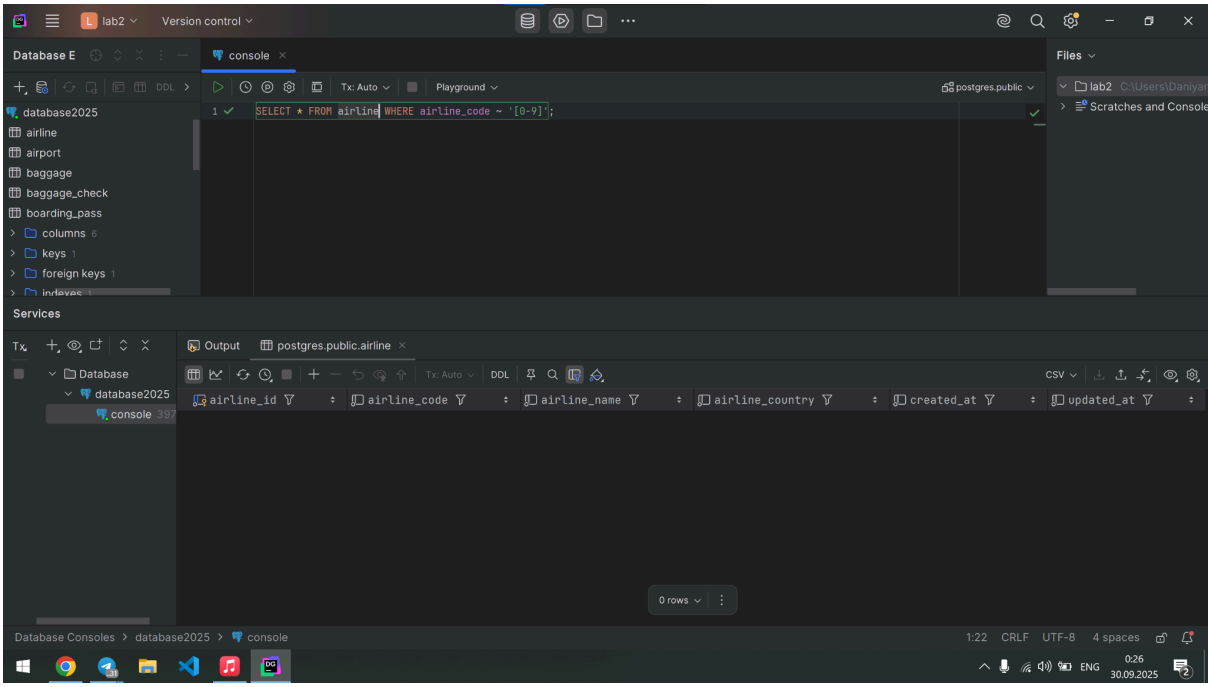
10)


lab2
Version control
Database Explorer
console
Files
SELECT first_name, last_name FROM Passengers ORDER BY date_of_birth DESC LIMIT 1;
airline
airport
baggage
baggage_check
boarding_pass
Services
Output
postgres.public.passengers
first_name
last_name
Juan
Braksper
1 row
Database Consoles
database2025
console
1:82
CRLF
UTF-8
4 spaces

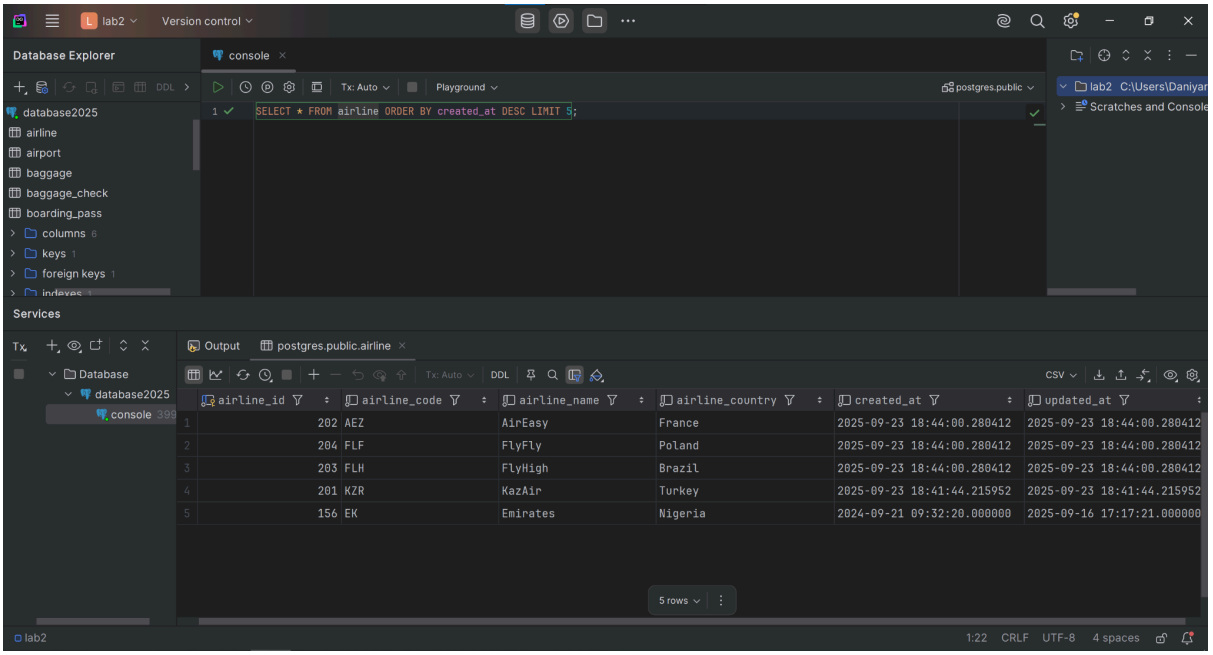
11)


lab2
Version control
Database E
console
Files
SELECT booking_platform, MIN(ticket_price) AS cheapest_price FROM Booking GROUP BY booking_platform;
database2025
airline
airport
baggage
baggage_check
boarding_pass
columns
keys
foreign keys
Services
Output
Result 16
booking_platform
cheapest_price
0 rows
Database Consoles
database2025
console
1:88
CRLF
UTF-8
4 spaces
ENG
0:26
30.09.2025

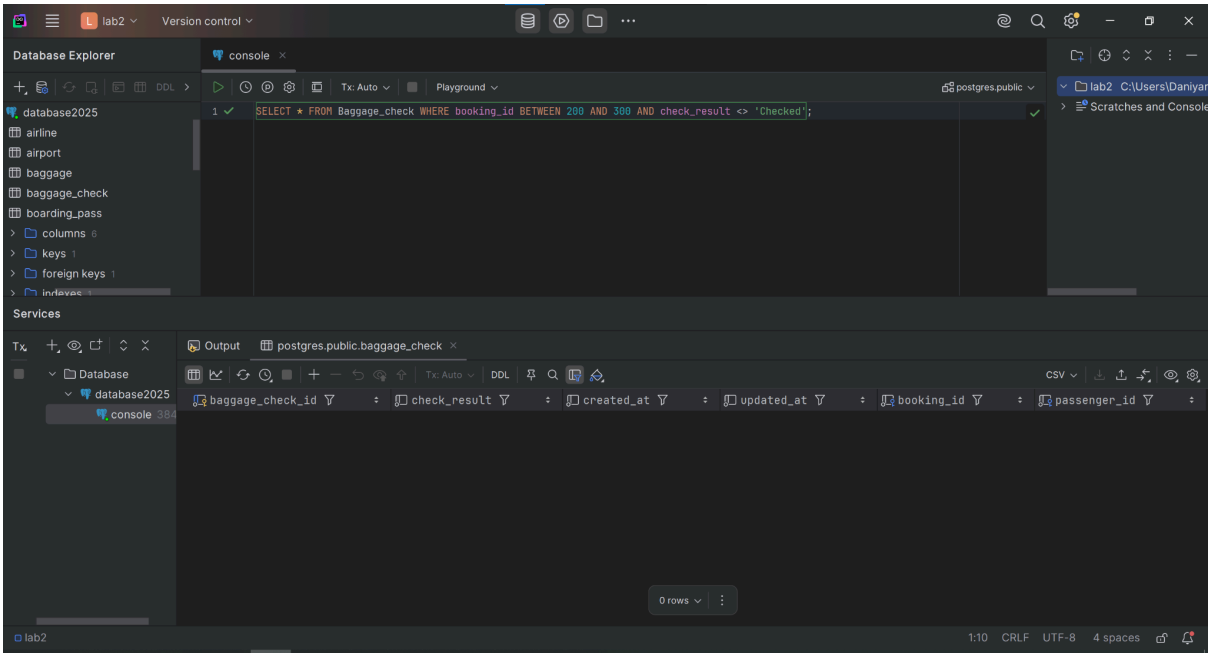
12)


lab2
Version control
Database E
console
Files
Tx: Auto
Playground
postgres.public
SELECT * FROM airline WHERE airline_code ~ '[0-9]';
database2025
airline
airport
baggage
baggage_check
boarding_pass
columns 6
keys 1
foreign keys 1
Services
Output
postgres.public.airline
Database
database2025
console
airline_id
airline_code
airline_name
airline_country
created_at
updated_at
0 rows
Database Consoles
database2025
console
1:22
CRLF
UTF-8
4 spaces
ENG
0:26
30.09.2025

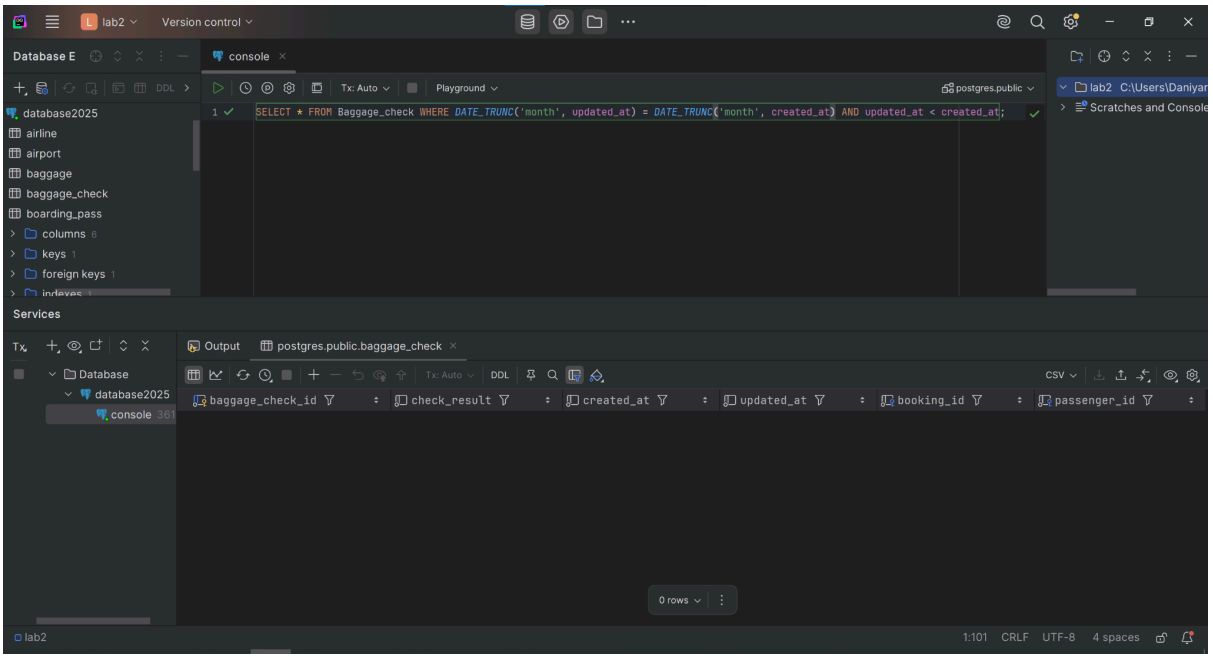
13)


lab2
Version control
Database Explorer
console
Files
Tx: Auto
Playground
postgres.public
SELECT * FROM airline ORDER BY created_at DESC LIMIT 5;
database2025
airline
airport
baggage
baggage_check
boarding_pass
columns 6
keys 1
foreign keys 1
Services
Output
postgres.public.airline
Database
database2025
console
airline_id
airline_code
airline_name
airline_country
created_at
updated_at
1 202 AEZ AirEasy France 2025-09-23 18:44:00.280412 2025-09-23 18:44:00.280412
2 204 FLF FlyFly Poland 2025-09-23 18:44:00.280412 2025-09-23 18:44:00.280412
3 203 FLH FlyHigh Brazil 2025-09-23 18:44:00.280412 2025-09-23 18:44:00.280412
4 201 KZR KazAir Turkey 2025-09-23 18:41:44.215952 2025-09-23 18:41:44.215952
5 156 EK Emirates Nigeria 2024-09-21 09:32:20.000000 2025-09-16 17:17:21.000000
5 rows
lab2
1:22
CRLF
UTF-8
4 spaces

14)


lab2
Version control
Database Explorer
console
Tx: Auto
Playground
postgres.public
lab2 C:\Users\Daniyar
Scratches and Console
database2025
airline
airport
baggage
baggage_check
boarding_pass
columns 6
keys 1
foreign keys 1
1 SELECT * FROM Baggage_check WHERE booking_id BETWEEN 200 AND 300 AND check_result <> 'Checked';
Services
Output
postgres.public.baggage_check
DDL
CSV
Database
database2025
console
baggage_check_id
check_result
created_at
updated_at
booking_id
passenger_id
0 rows
lab2
1:10
CRLF
UTF-8
4 spaces

15)


lab2
Version control
Database E
console
Tx: Auto
Playground
postgres.public
lab2 C:\Users\Daniyar
Scratches and Console
database2025
airline
airport
baggage
baggage_check
boarding_pass
columns 6
keys 1
foreign keys 1
1 SELECT * FROM Baggage_check WHERE DATE_TRUNC('month', updated_at) = DATE_TRUNC('month', created_at) AND updated_at < created_at;
Services
Output
postgres.public.baggage_check
DDL
CSV
Database
database2025
console
baggage_check_id
check_result
created_at
updated_at
booking_id
passenger_id
0 rows
lab2
1:101
CRLF
UTF-8
4 spaces