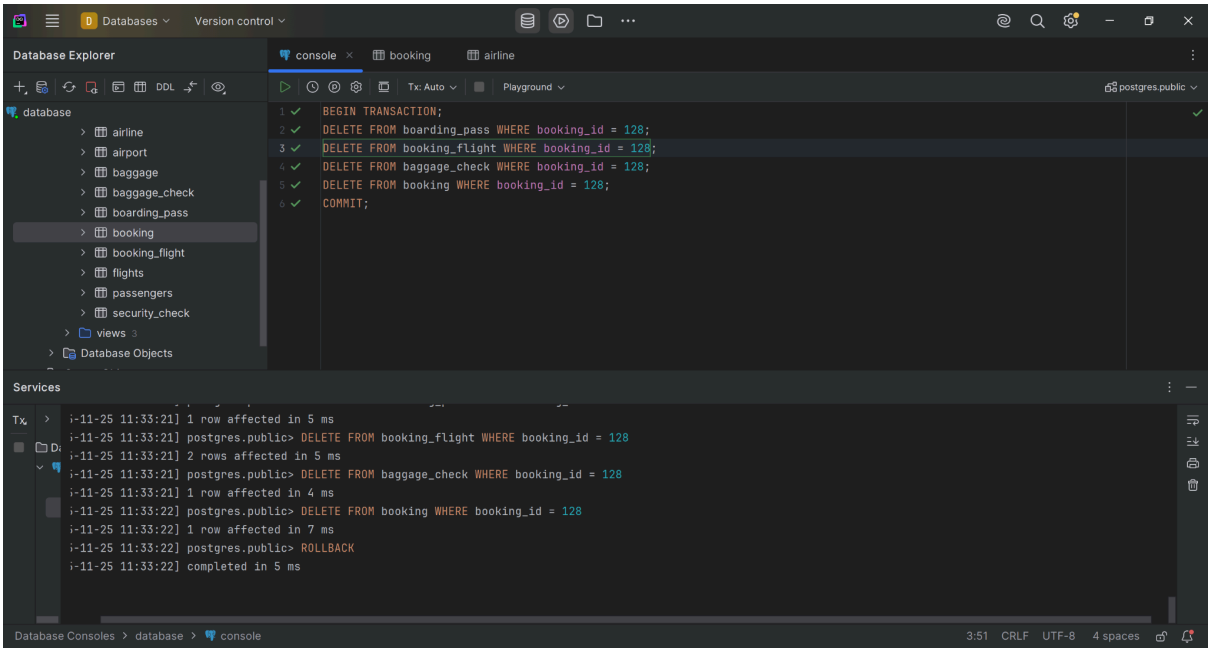
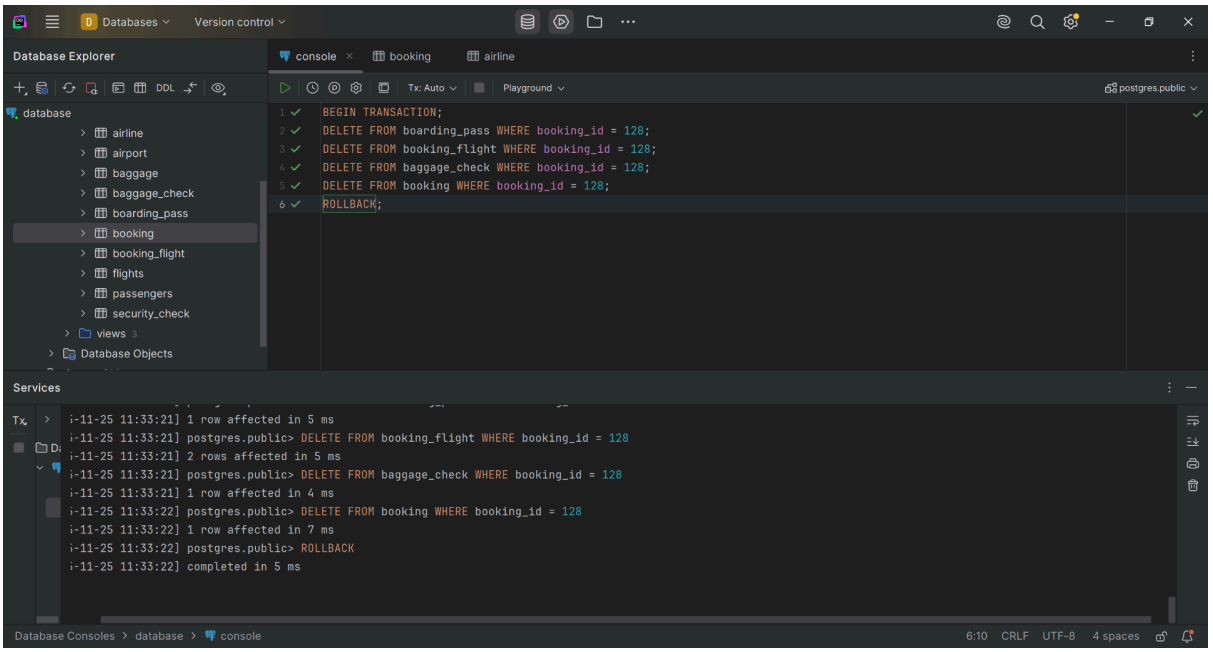
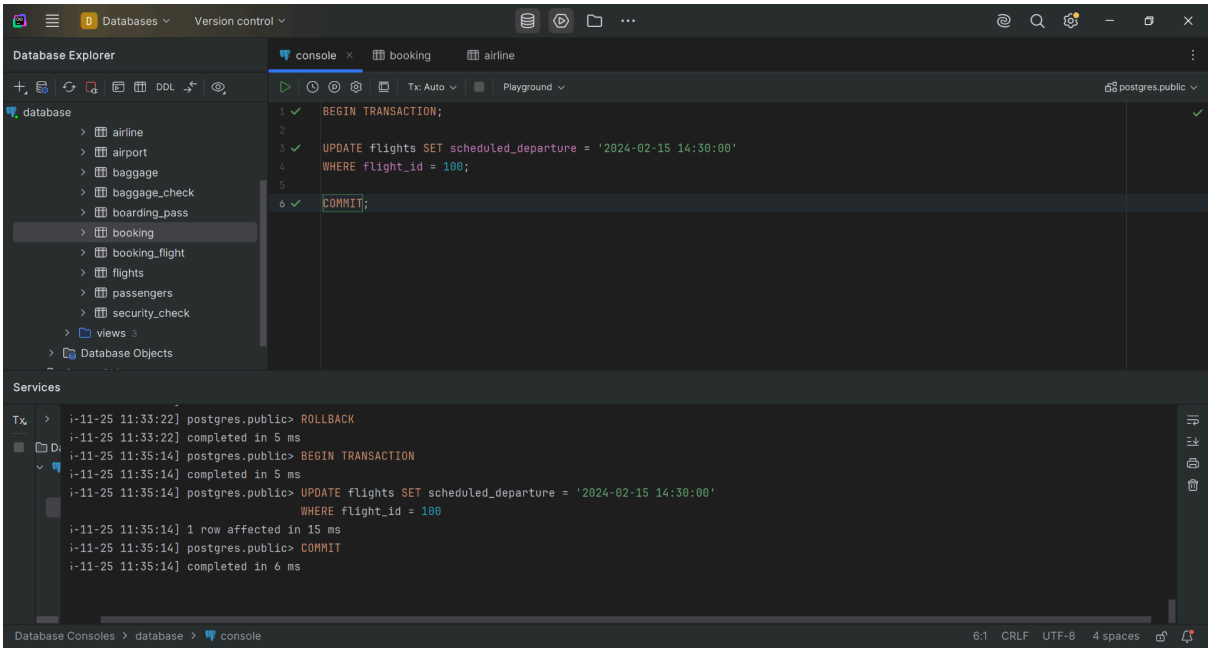
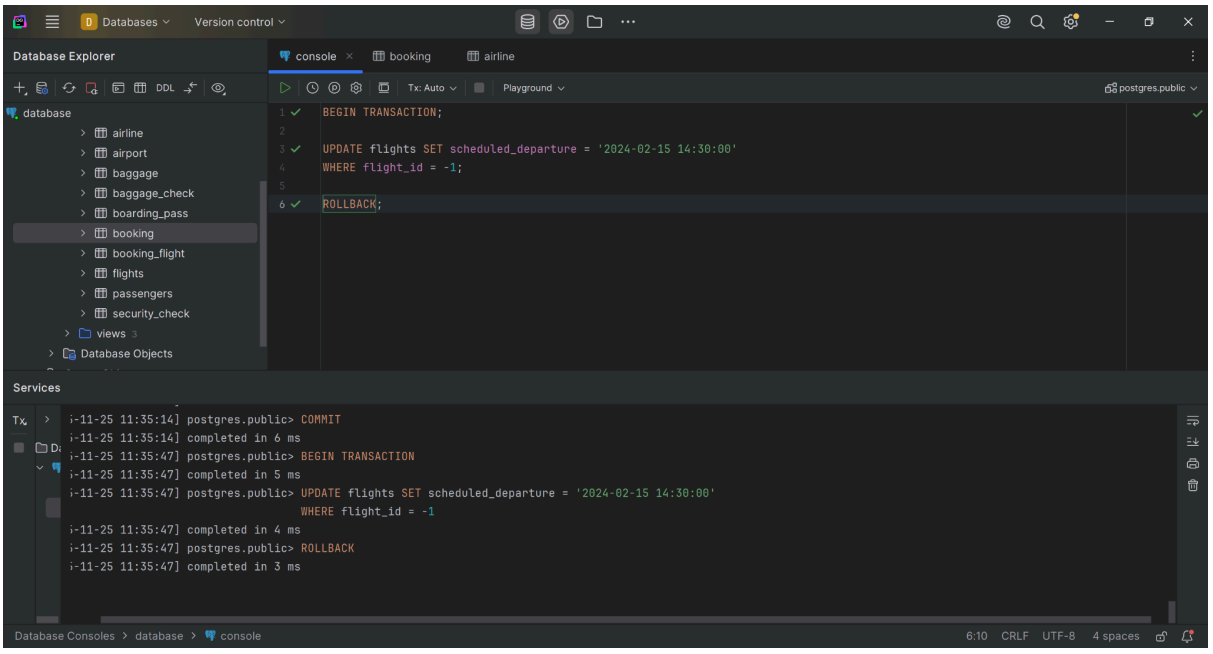
1)


Databases
Version control
Database Explorer
console
booking
airline
DDL
Tx: Auto
Playground
postgres.public
database
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
security_check
views 3
Database Objects
BEGIN TRANSACTION;
DELETE FROM boarding_pass WHERE booking_id = 128;
DELETE FROM booking_flight WHERE booking_id = 128;
DELETE FROM baggage_check WHERE booking_id = 128;
DELETE FROM booking WHERE booking_id = 128;
COMMIT;
Services
i-11-25 11:33:21] 1 row affected in 5 ms
i-11-25 11:33:21] postgres.public> DELETE FROM booking_flight WHERE booking_id = 128
i-11-25 11:33:21] 2 rows affected in 5 ms
i-11-25 11:33:21] postgres.public> DELETE FROM baggage_check WHERE booking_id = 128
i-11-25 11:33:21] 1 row affected in 4 ms
i-11-25 11:33:22] postgres.public> DELETE FROM booking WHERE booking_id = 128
i-11-25 11:33:22] 1 row affected in 7 ms
i-11-25 11:33:22] postgres.public> ROLLBACK
i-11-25 11:33:22] completed in 5 ms
Database Consoles > database > console
3:51 CRLF UTF-8 4 spaces

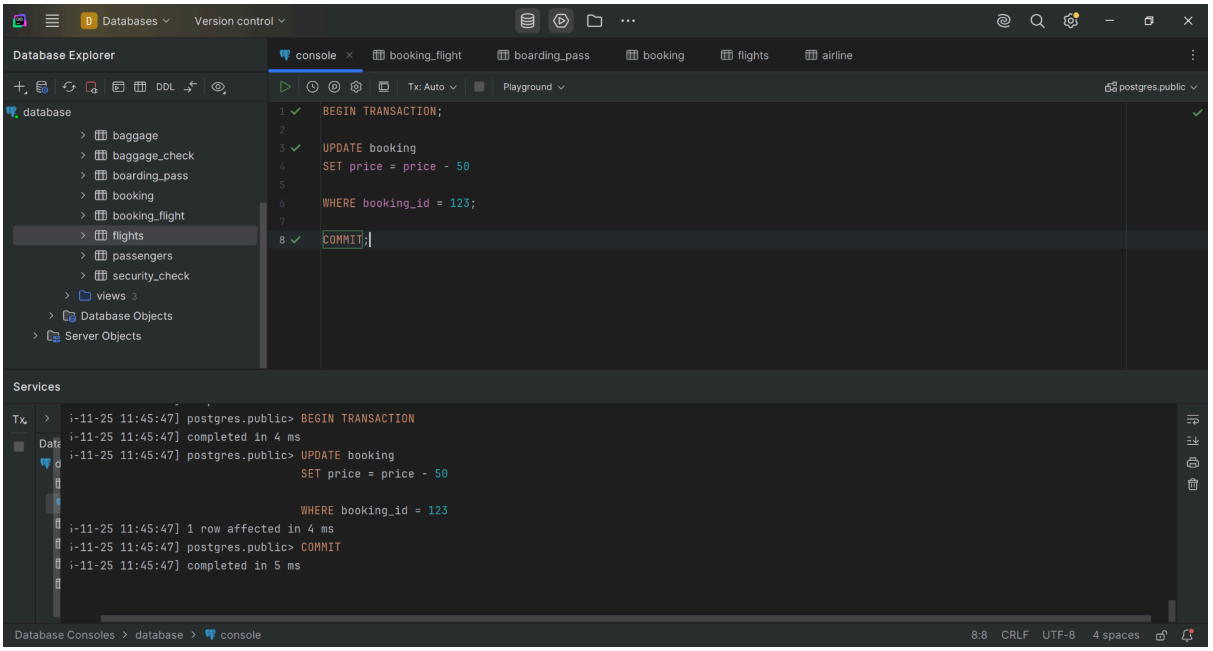

Databases
Version control
Database Explorer
console
booking
airline
DDL
Tx: Auto
Playground
postgres.public
database
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
security_check
views 3
Database Objects
BEGIN TRANSACTION;
DELETE FROM boarding_pass WHERE booking_id = 128;
DELETE FROM booking_flight WHERE booking_id = 128;
DELETE FROM baggage_check WHERE booking_id = 128;
DELETE FROM booking WHERE booking_id = 128;
ROLLBACK;
Services
i-11-25 11:33:21] 1 row affected in 5 ms
i-11-25 11:33:21] postgres.public> DELETE FROM booking_flight WHERE booking_id = 128
i-11-25 11:33:21] 2 rows affected in 5 ms
i-11-25 11:33:21] postgres.public> DELETE FROM baggage_check WHERE booking_id = 128
i-11-25 11:33:21] 1 row affected in 4 ms
i-11-25 11:33:22] postgres.public> DELETE FROM booking WHERE booking_id = 128
i-11-25 11:33:22] 1 row affected in 7 ms
i-11-25 11:33:22] postgres.public> ROLLBACK
i-11-25 11:33:22] completed in 5 ms
Database Consoles > database > console
6:10 CRLF UTF-8 4 spaces

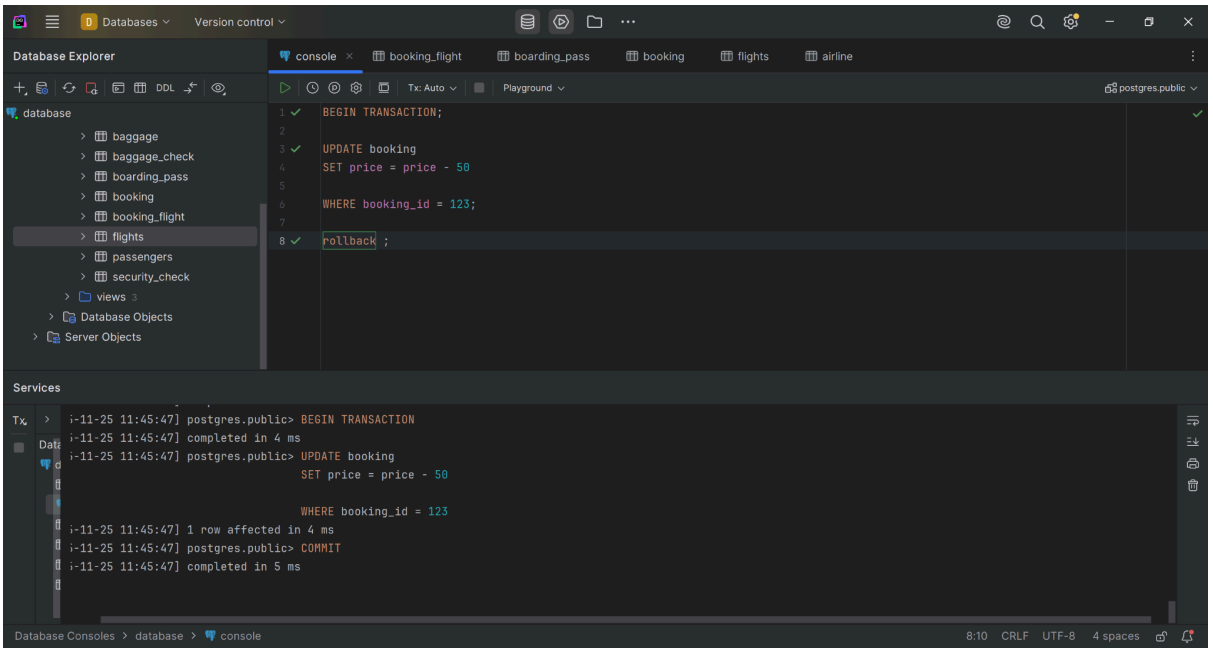
2)


Databases
Version control
Database Explorer
console
booking
airline
DDL
Tx: Auto
Playground
postgres.public
database
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
security_check
views 3
Database Objects
BEGIN TRANSACTION;
UPDATE flights SET scheduled_departure = '2024-02-15 14:30:00'
WHERE flight_id = 100;
COMMIT;
Services
i-11-25 11:33:22] postgres.public> ROLLBACK
i-11-25 11:33:22] completed in 5 ms
i-11-25 11:35:14] postgres.public> BEGIN TRANSACTION
i-11-25 11:35:14] completed in 5 ms
i-11-25 11:35:14] postgres.public> UPDATE flights SET scheduled_departure = '2024-02-15 14:30:00'
WHERE flight_id = 100
i-11-25 11:35:14] 1 row affected in 15 ms
i-11-25 11:35:14] postgres.public> COMMIT
i-11-25 11:35:14] completed in 6 ms
Database Consoles > database > console
6:1 CRLF UTF-8 4 spaces

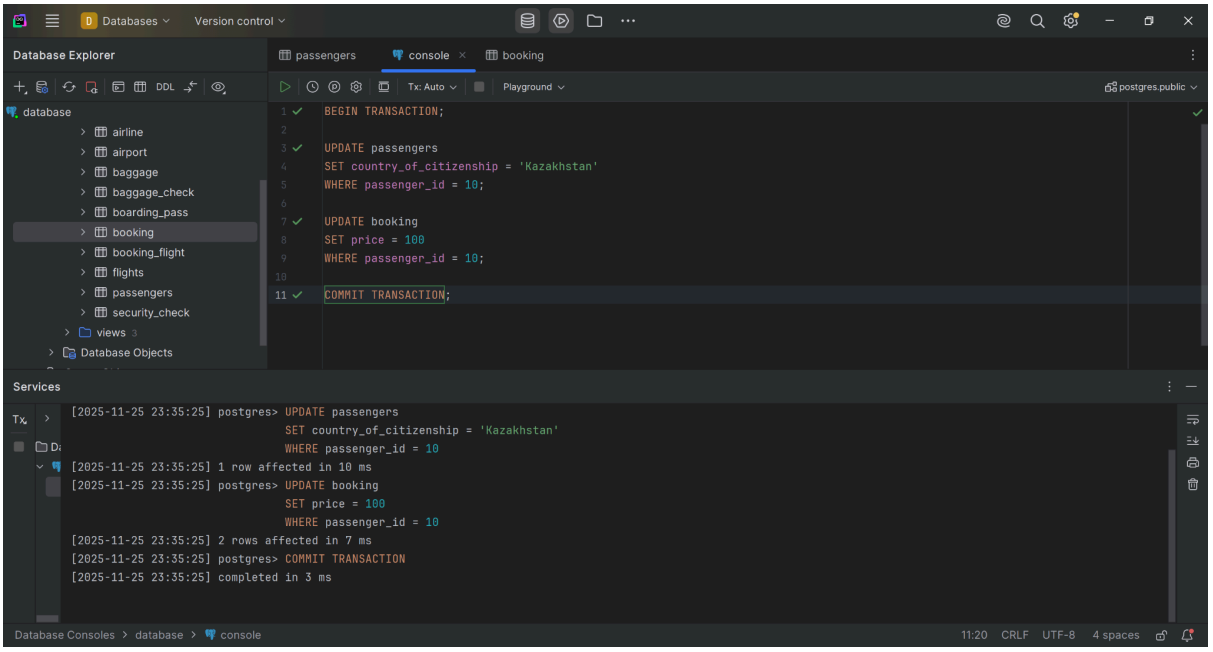

Databases
Version control
Database Explorer
console
booking
airline
DDL
Tx: Auto
Playground
postgres.public
database
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
security_check
views 3
Database Objects
BEGIN TRANSACTION;
UPDATE flights SET scheduled_departure = '2024-02-15 14:30:00'
WHERE flight_id = -1;
ROLLBACK;
Services
i-11-25 11:35:14] postgres.public> COMMIT
i-11-25 11:35:14] completed in 6 ms
i-11-25 11:35:47] postgres.public> BEGIN TRANSACTION
i-11-25 11:35:47] completed in 5 ms
i-11-25 11:35:47] postgres.public> UPDATE flights SET scheduled_departure = '2024-02-15 14:30:00'
WHERE flight_id = -1
i-11-25 11:35:47] completed in 4 ms
i-11-25 11:35:47] postgres.public> ROLLBACK
i-11-25 11:35:47] completed in 3 ms
Database Consoles > database > console
6:10 CRLF UTF-8 4 spaces

3)

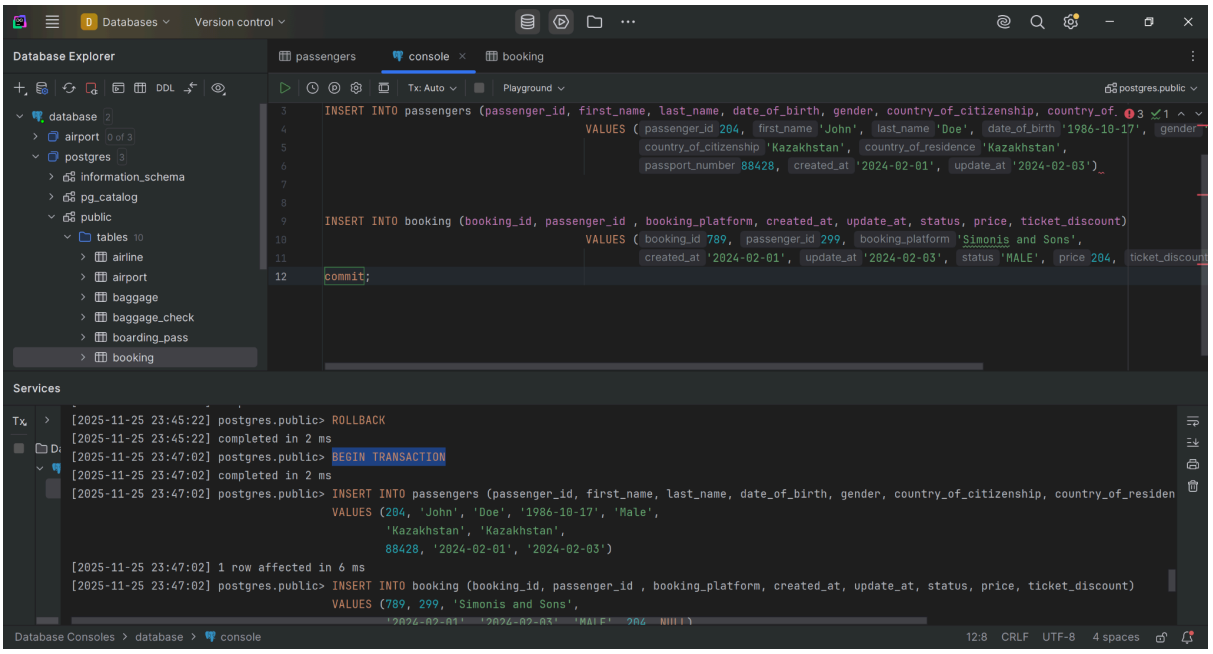

Databases
Version control
Database Explorer
console
booking_flight
boarding_pass
booking
flights
airline
DDL
Tx: Auto
Playground
postgres.public
database
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
security_check
views 3
Database Objects
Server Objects
BEGIN TRANSACTION;
UPDATE booking
SET price = price - 50
WHERE booking_id = 123;
COMMIT;
Services
i-11-25 11:45:47] postgres.public> BEGIN TRANSACTION
i-11-25 11:45:47] completed in 4 ms
i-11-25 11:45:47] postgres.public> UPDATE booking
SET price = price - 50
WHERE booking_id = 123
i-11-25 11:45:47] 1 row affected in 4 ms
i-11-25 11:45:47] postgres.public> COMMIT
i-11-25 11:45:47] completed in 5 ms
Database Consoles
database
console
8:8
CRLF
UTF-8
4 spaces


Databases
Version control
Database Explorer
console
booking_flight
boarding_pass
booking
flights
airline
DDL
Tx: Auto
Playground
postgres.public
database
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
security_check
views 3
Database Objects
Server Objects
BEGIN TRANSACTION;
UPDATE booking
SET price = price - 50
WHERE booking_id = 123;
rollback ;
Services
i-11-25 11:45:47] postgres.public> BEGIN TRANSACTION
i-11-25 11:45:47] completed in 4 ms
i-11-25 11:45:47] postgres.public> UPDATE booking
SET price = price - 50
WHERE booking_id = 123
i-11-25 11:45:47] 1 row affected in 4 ms
i-11-25 11:45:47] postgres.public> COMMIT
i-11-25 11:45:47] completed in 5 ms
Database Consoles
database
console
8:10
CRLF
UTF-8
4 spaces

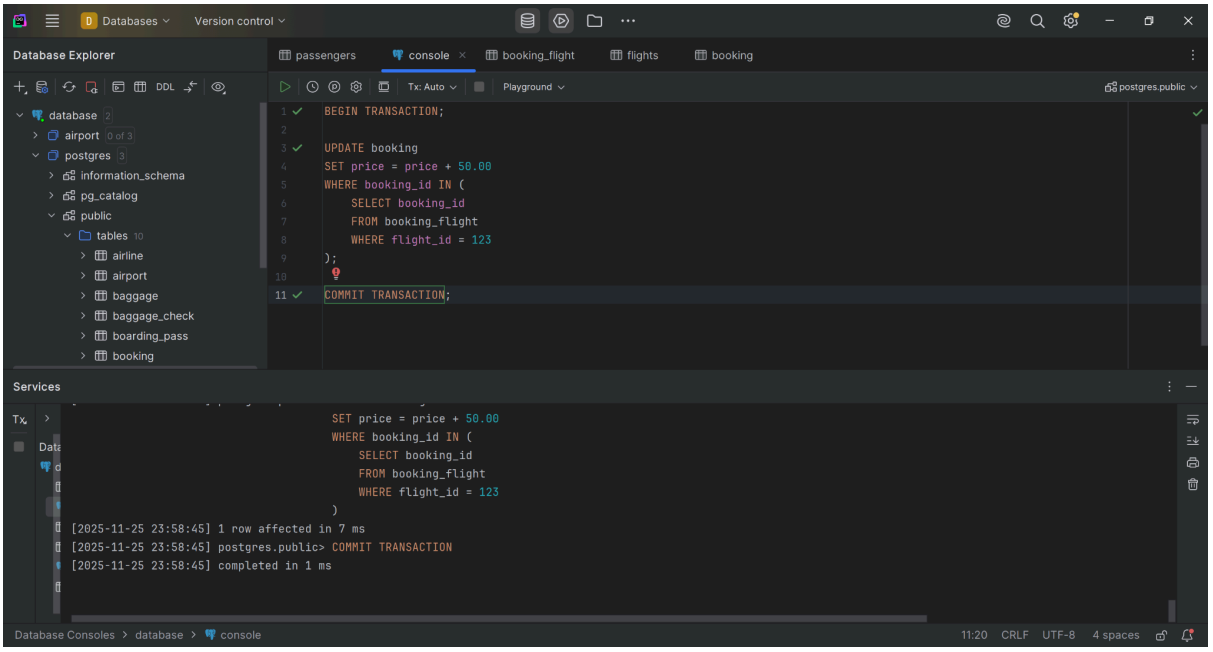
4)


Databases
Version control
Database Explorer
passengers
console
booking
DDL
Tx: Auto
Playground
postgres.public
database
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
security_check
views 3
Database Objects
BEGIN TRANSACTION;
UPDATE passengers
SET country_of_citizenship = 'Kazakhstan'
WHERE passenger_id = 10;
UPDATE booking
SET price = 100
WHERE passenger_id = 10;
COMMIT TRANSACTION;
Services
[2025-11-25 23:35:25] postgres> UPDATE passengers
SET country_of_citizenship = 'Kazakhstan'
WHERE passenger_id = 10
[2025-11-25 23:35:25] 1 row affected in 10 ms
[2025-11-25 23:35:25] postgres> UPDATE booking
SET price = 100
WHERE passenger_id = 10
[2025-11-25 23:35:25] 2 rows affected in 7 ms
[2025-11-25 23:35:25] postgres> COMMIT TRANSACTION
[2025-11-25 23:35:25] completed in 3 ms
Database Consoles
database
console
11:20
CRLF
UTF-8
4 spaces

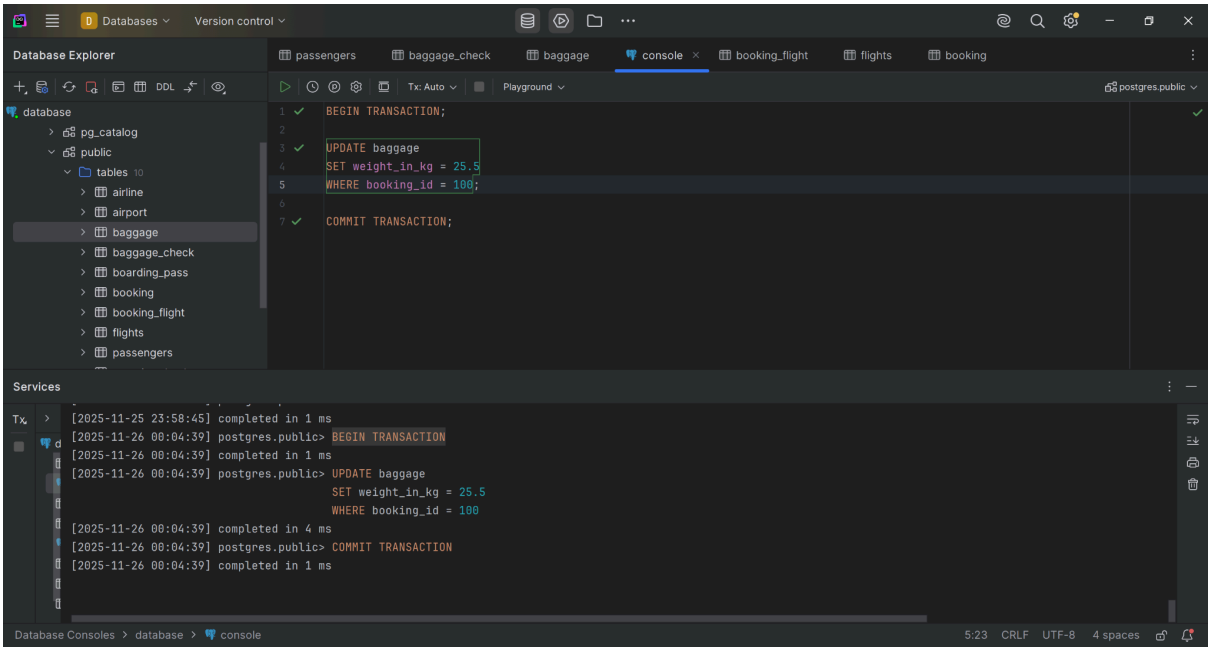
5)


Databases
Version control
Database Explorer
passengers
console
booking
DDL
Tx: Auto
Playground
postgres.public
database
airport
postgres
information_schema
pg_catalog
public
tables
airline
airport
baggage
baggage_check
boarding_pass
booking
INSERT INTO passengers (passenger_id, first_name, last_name, date_of_birth, gender, country_of_citizenship, country_of_
VALUES (passenger_id 204, first_name 'John', last_name 'Doe', date_of_birth '1986-10-17', gender
country_of_citizenship 'Kazakhstan', country_of_residence 'Kazakhstan',
passport_number 88428, created_at '2024-02-01', update_at '2024-02-03')
INSERT INTO booking (booking_id, passenger_id , booking_platform, created_at, update_at, status, price, ticket_discount)
VALUES (booking_id 789, passenger_id 299, booking_platform 'Simonis and Sons',
created_at '2024-02-01', update_at '2024-02-03', status 'MALE', price 204, ticket_discount
commit;
Services
[2025-11-25 23:45:22] postgres.public> ROLLBACK
[2025-11-25 23:45:22] completed in 2 ms
[2025-11-25 23:47:02] postgres.public> BEGIN TRANSACTION
[2025-11-25 23:47:02] completed in 2 ms
[2025-11-25 23:47:02] postgres.public> INSERT INTO passengers (passenger_id, first_name, last_name, date_of_birth, gender, country_of_citizenship, country_of_residen
VALUES (204, 'John', 'Doe', '1986-10-17', 'Male',
'Kazakhstan', 'Kazakhstan',
88428, '2024-02-01', '2024-02-03')
[2025-11-25 23:47:02] 1 row affected in 6 ms
[2025-11-25 23:47:02] postgres.public> INSERT INTO booking (booking_id, passenger_id , booking_platform, created_at, update_at, status, price, ticket_discount)
VALUES (789, 299, 'Simonis and Sons',
Database Consoles
database
console
12:8
CRLF
UTF-8
4 spaces

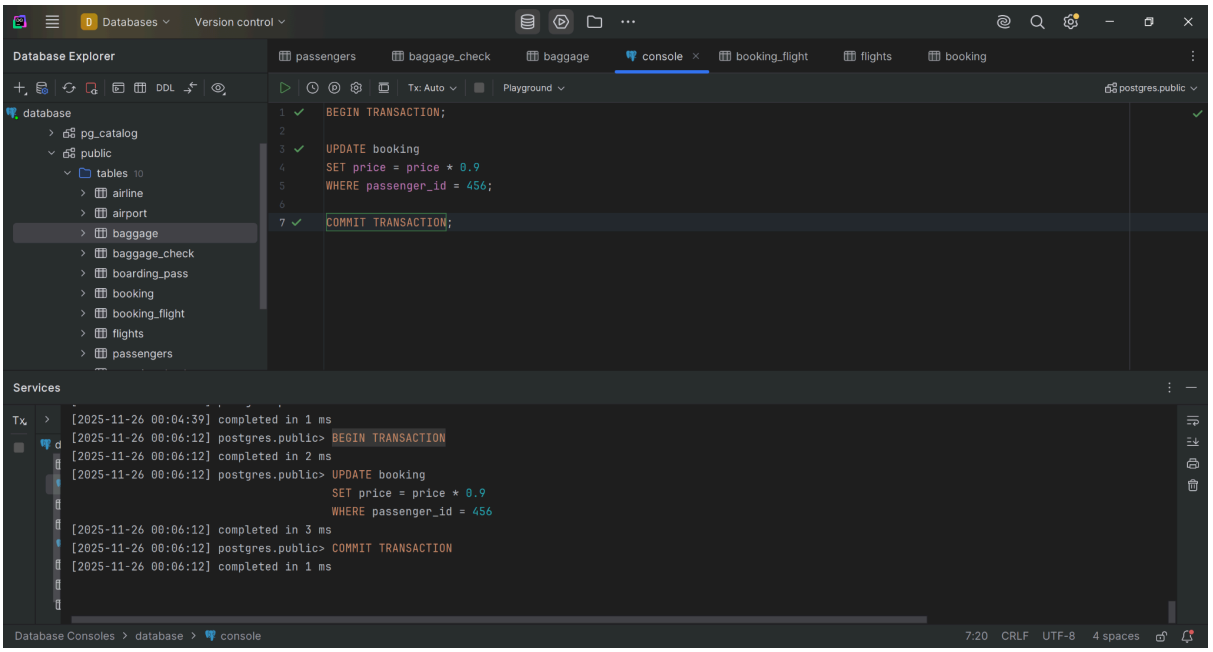
6)


Databases
Version control
Database Explorer
passengers
console
booking_flight
flights
booking
DDL
Tx: Auto
Playground
postgres.public
database
airport
postgres
information_schema
pg_catalog
public
tables
airline
airport
baggage
baggage_check
boarding_pass
booking
BEGIN TRANSACTION;
UPDATE booking
SET price = price + 50.00
WHERE booking_id IN (
SELECT booking_id
FROM booking_flight
WHERE flight_id = 123
);
COMMIT TRANSACTION;
Services
SET price = price + 50.00
WHERE booking_id IN (
SELECT booking_id
FROM booking_flight
WHERE flight_id = 123
)
[2025-11-25 23:58:45] 1 row affected in 7 ms
[2025-11-25 23:58:45] postgres.public> COMMIT TRANSACTION
[2025-11-25 23:58:45] completed in 1 ms
Database Consoles
database
console
11:20
CRLF
UTF-8
4 spaces

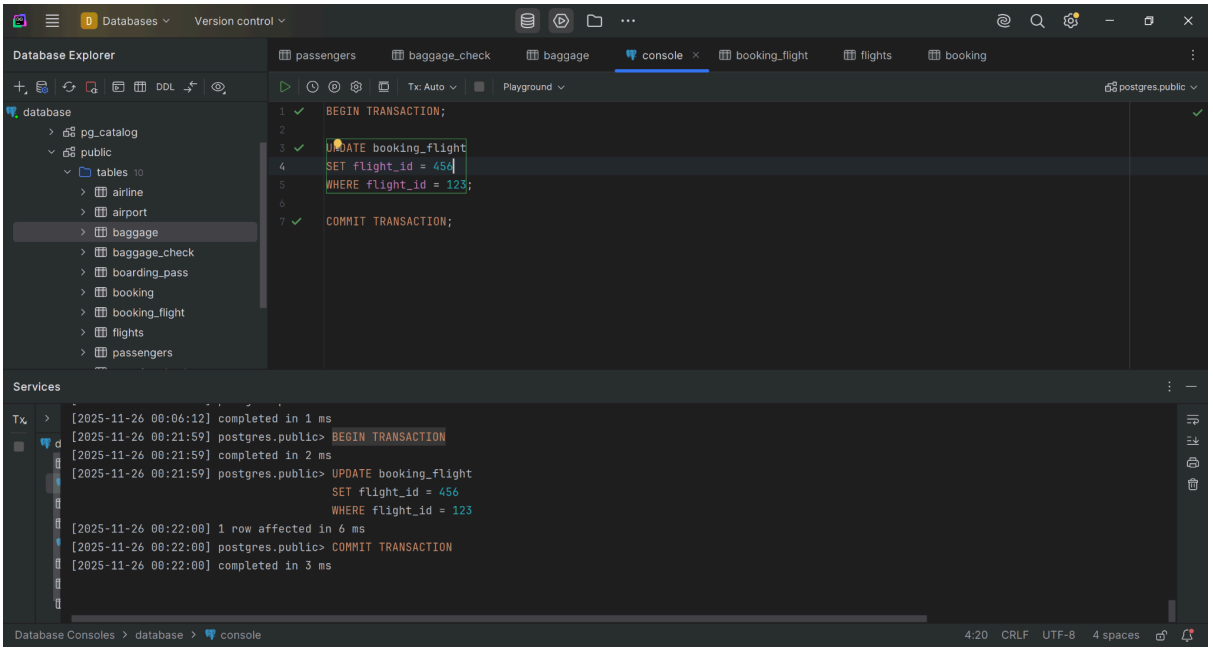
7)


Databases
Version control
Database Explorer
passengers
baggage_check
baggage
console
booking_flight
flights
booking
DDL
Tx: Auto
Playground
postgres.public
database
pg_catalog
public
tables 10
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
BEGIN TRANSACTION;
UPDATE baggage
SET weight_in_kg = 25.5
WHERE booking_id = 100;
COMMIT TRANSACTION;
Services
[2025-11-25 23:58:45] completed in 1 ms
[2025-11-26 00:04:39] postgres.public> BEGIN TRANSACTION
[2025-11-26 00:04:39] completed in 1 ms
[2025-11-26 00:04:39] postgres.public> UPDATE baggage
SET weight_in_kg = 25.5
WHERE booking_id = 100
[2025-11-26 00:04:39] completed in 4 ms
[2025-11-26 00:04:39] postgres.public> COMMIT TRANSACTION
[2025-11-26 00:04:39] completed in 1 ms
Database Consoles
database
console
5:23
CRLF
UTF-8
4 spaces

8)


Databases
Version control
Database Explorer
passengers
baggage_check
baggage
console
booking_flight
flights
booking
DDL
Tx: Auto
Playground
postgres.public
database
pg_catalog
public
tables 10
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
BEGIN TRANSACTION;
UPDATE booking
SET price = price * 0.9
WHERE passenger_id = 456;
COMMIT TRANSACTION;
Services
[2025-11-26 00:04:39] completed in 1 ms
[2025-11-26 00:06:12] postgres.public> BEGIN TRANSACTION
[2025-11-26 00:06:12] completed in 2 ms
[2025-11-26 00:06:12] postgres.public> UPDATE booking
SET price = price * 0.9
WHERE passenger_id = 456
[2025-11-26 00:06:12] completed in 3 ms
[2025-11-26 00:06:12] postgres.public> COMMIT TRANSACTION
[2025-11-26 00:06:12] completed in 1 ms
Database Consoles
database
console
7:20
CRLF
UTF-8
4 spaces

9)


Databases
Version control
Database Explorer
passengers
baggage_check
baggage
console
booking_flight
flights
booking
DDL
Tx: Auto
Playground
postgres.public
database
pg_catalog
public
tables 10
airline
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
BEGIN TRANSACTION;
UPDATE booking_flight
SET flight_id = 456
WHERE flight_id = 123;
COMMIT TRANSACTION;
Services
[2025-11-26 00:06:12] completed in 1 ms
[2025-11-26 00:21:59] postgres.public> BEGIN TRANSACTION
[2025-11-26 00:21:59] completed in 2 ms
[2025-11-26 00:21:59] postgres.public> UPDATE booking_flight
SET flight_id = 456
WHERE flight_id = 123
[2025-11-26 00:22:00] 1 row affected in 6 ms
[2025-11-26 00:22:00] postgres.public> COMMIT TRANSACTION
[2025-11-26 00:22:00] completed in 3 ms
Database Consoles
database
console
4:20
CRLF
UTF-8
4 spaces