

Object Explorer airport_db/postgres@PostgreSQL 17* airport_db/postgres@PostgreSQL 17* airport_db/postgres@PostgreSQL 17* public.flights/airp... public.airline/airpo... airport_db/postgres@PostgreSQL 17*

Aggregates
Collations
Domains
FTS Configurations
FTS Dictionaries
FTS Parsers
FTS Templates
Foreign Tables
Functions
Materialized Views
Operators
Procedures
Sequences
Tables (10)

-- task 1
BEGIN;

DELETE FROM baggage WHERE booking_id = 10;
DELETE FROM baggage_check WHERE booking_id = 10;
DELETE FROM boarding_pass WHERE booking_id = 10;
DELETE FROM booking_flight WHERE booking_id = 10;
DELETE FROM booking WHERE booking_id = 10;

COMMIT;

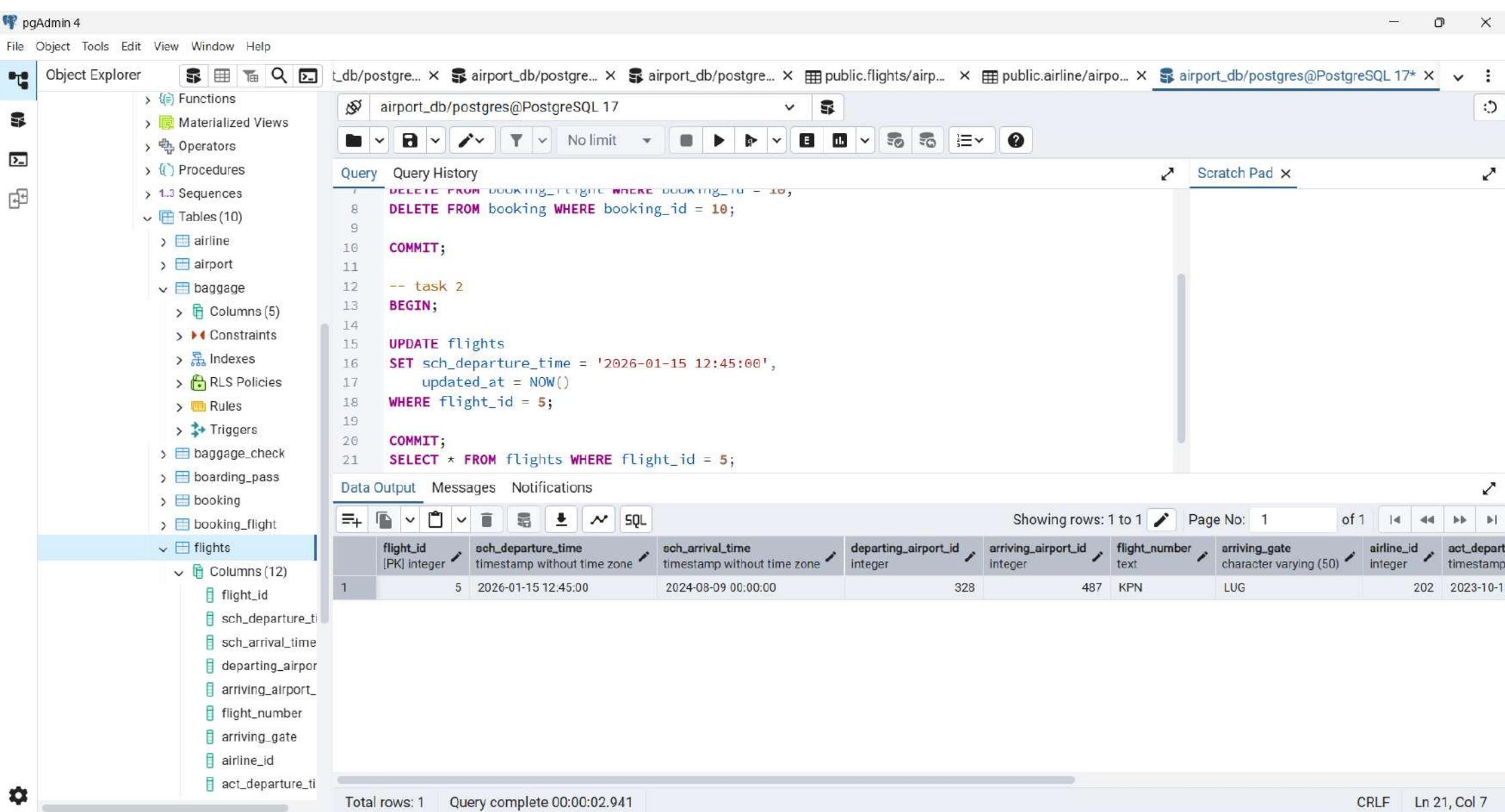
Data Output Messages Notifications

Query Query History Scratch Pad

11

airline
airport
baggage (5)
Columns (5)
Constraints
Indexes
RLS Policies
Rules
Triggers
baggage_check
boarding_pass
booking
booking_flight
flights
passengers
security_check
Trigger Functions

Total rows: Query complete 00:00:00.075 CRLF Ln 11, Col 1





Object Explorer



t_db/postgre... X airport_db/postgre... X public.flights/airp... X public.airline/airpo... X airport_db/postgres@PostgreSQL 17* X public.booking/air...



- ✓ baggage
 - > Columns (5)
 - > Constraints
 - > Indexes
 - > RLS Policies
 - > Rules
 - > Triggers
- > baggage_check
- > boarding_pass
- > booking
- > booking_flight
- ✓ flights
 - > Columns (12)
 - flight_id
 - sch_departure_time
 - sch_arrival_time
 - departing_airport
 - arriving_airport
 - flight_number
 - arriving_gate
 - airline_id
 - act_departure_time
 - act_arrival_time
 - created_at
 - updated_at
 - > Constraints
 - > Indexes
 - > RLS Policies
 - > Rules
 - > Triggers

airport_db/postgres@PostgreSQL 17
Scratch Pad

Query Query History

```

20 COMMIT;
21 SELECT * FROM flights WHERE flight_id = 5;
22
23 -- task 3
24 BEGIN;
25
26 UPDATE booking
27 SET ticket_price = ticket_price - 5,
28     updated_at = NOW()
29 WHERE flight_id = 9
30     AND ticket_price - 5 >= 0;
31
32 COMMIT;
33 SELECT * FROM booking WHERE flight_id = 9;
```

Data Output
Messages
Notifications

#	booking_id [PK] integer	flight_id integer	passenger_id integer	booking_platform character varying (50)	created_at timestamp without time zone	updated_at timestamp without time zone	status character varying (50)	ticket_price numeric (7,2)
1	37	9	125	google.fr	2024-01-29 00:00:00	2025-11-26 10:52:39.831732	Cancelled	5.99
2	106	9	143	youtube.com	2025-03-31 00:00:00	2025-11-26 10:52:39.831732	Completed	19.99
3	72	9	131	umn.edu	2021-04-29 00:00:00	2024-07-06 00:00:00	Cancelled	1.50
4	89	9	111	seesaa.net	2022-09-20 00:00:00	2025-11-26 10:52:39.831732	Cancelled	1.89
5	123	9	6	hostgator.com	2023-08-18 00:00:00	2025-11-26 10:52:39.831732	Cancelled	38.05
6	118	9	105	wp.com	2023-07-31 00:00:00	2023-01-17 00:00:00	Confirmed	0.86

Total rows: 6
Query complete 00:00:01.609
CRLF
Ln 33, Col 42

Object Explorer airport_db/postgre... X airport_db/postgre... X public.flights/airp... X public.airline/airpo... X airport_db/postgres@PostgreSQL 17* X public.booking/air... X

Query History Scratch Pad

```
30 AND TICKET_PRICE = 5000;
```

```
31
32 COMMIT;
33 SELECT * FROM booking WHERE flight_id = 9;
34
35 BEGIN;
36
37 UPDATE passengers
38 SET first_name = 'Ayan',
39 last_name = 'Tolegen',
40 updated_at = NOW()
41 WHERE passenger_id = 7;
42
43 COMMIT;
44 SELECT * FROM passengers WHERE passenger_id = 7;
```

Data Output Messages Notifications

	passenger_id	first_name	last_name	date_of_birth	gender	country_of_citizenship	country_of_residence	passport_number	created_at
1	7	Ayan	Tolegen	1979-07-20	Female	Bhutan	Honduras	M5326728	2022-03-20 10:30:00

Total rows: 1 Query complete 00:00:01.935 CRLF Ln 44, Col 1

Object Explorer t_db/postgre... X public.flights/airp... X public.airline/airpo... X airport_db/postgre... X public.booking/air... X airport_db/postgres@PostgreSQL 17*

airport_db/postgres@PostgreSQL 17

Query History

```
-- task 5
BEGIN;

INSERT INTO passengers (first_name, last_name, date_of_birth, gender,
country_of_citizenship, country_of_residence,
passport_number, created_at, updated_at)
VALUES ('Dana', 'Serik', '1983-05-10', 'F', 'Kazakhstan', 'Kazakhstan',
'N1234567', NOW(), NOW());

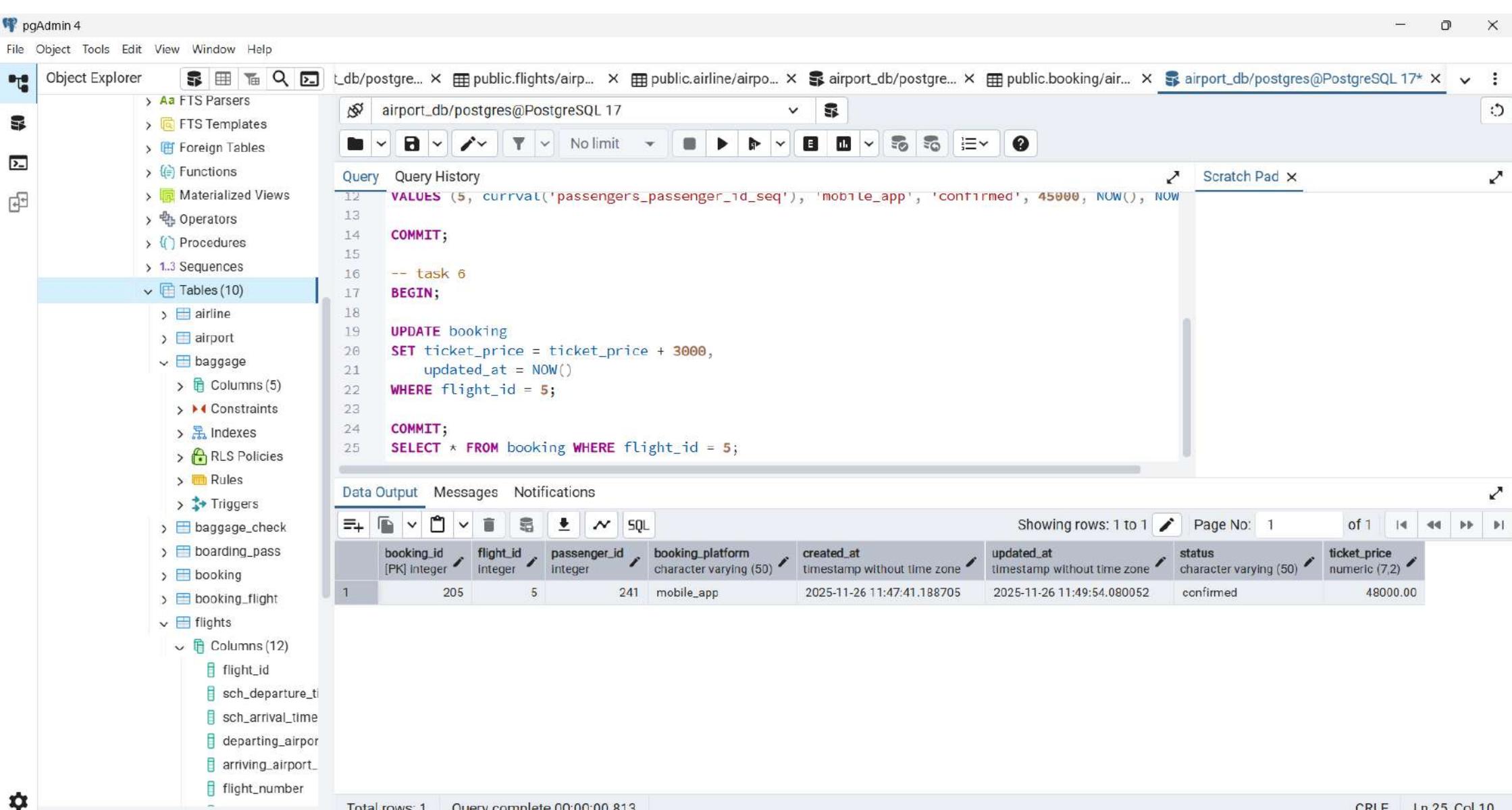
INSERT INTO booking (flight_id, passenger_id, booking_platform,
status, ticket_price, created_at, updated_at)
VALUES (5, currval('passengers_passenger_id_seq'), 'mobile_app', 'confirmed', 45000, NOW(), NOW());

COMMIT;
```

Data Output Messages Notifications

Query returned successfully in 753 msec.

Total rows: Query complete 00:00:00.753 CRLF Ln 14, Col 8



Object Explorer .airline/airpo... X airport_db/postgre... X public.booking/air... X airport_db/postgre... X public.baggage/air... X airport_db/postgres@PostgreSQL 17*

Query History Scratch Pad

```
-- task 7
BEGIN;

UPDATE baggage
SET weight_in_kg = 28.50,
    updated_at = NOW()
WHERE baggage_id = 37
    AND weight_in_kg > 0
    AND weight_in_kg <= 100;

COMMIT;

SELECT * FROM baggage WHERE baggage_id = 37;
```

Data Output Messages Notifications

	baggage_id [PK] integer	weight_in_kg numeric (4,2)	created_at timestamp without time zone	updated_at timestamp without time zone	booking_id integer
1	37	28.50	2023-12-17 00:00:00	2025-11-26 11:58:10.240436	185

Total rows: 1 Query complete 00:00:00.155 CRLF Ln 13, Col 4

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer .booking/air... X airport_db/postgre... X public.baggage/air... X airport_db/postgres@PostgreSQL 17* X public.passenger... X public.booking/air... X :

Domains FTS Configurations FTS Dictionaries FTS Parsers FTS Templates Foreign Tables Functions Materialized Views Operators Procedures 1.3 Sequences Tables (10) airline airport baggage baggage_check boarding_pass booking Columns (8) booking_id flight_id passenger_id booking_platform created_at updated_at status ticket_price Constraints Indexes

airport_db/postgres@PostgreSQL 17 No limit COMMIT;

```
12
13 SELECT * FROM baggage WHERE baggage_id = 37;
14
15 -- task 8
16 BEGIN;
17
18 UPDATE booking
19 SET ticket_price = ticket_price * 0.90,
20     updated_at = NOW()
21 WHERE booking_id = 19
22     AND passenger_id = 48;
23
24 COMMIT;
25 SELECT * FROM booking WHERE booking_id = 19 AND passenger_id = 48;
```

Data Output Messages Notifications

Showing rows: 1 to 1 Page No: 1 of 1

	booking_id [PK] integer	flight_id integer	passenger_id integer	booking_platform character varying (50)	created_at timestamp without time zone	updated_at timestamp without time zone	status character varying (50)	ticket_price numeric (7,2)
1	19	29	48	wunderground.com	2023-11-16 00:00:00	2025-11-26 12:02:27.631106	Confirmed	44.99

Successfully run. Total query runtime: 771 msec. 1 rows affected.

Servers > PostgreSQL 17 > Databases > airport_db > Schemas > public > Tables > booking 71 CRLF Ln 25, Col 3

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File Object Tools Edit View Window Help

Object Explorer .booking/air... airport_db/postgre... public.baggage/air... airport_db/postgres@PostgreSQL 17* public.passenger... public.booking/air...

Domains FTS Configurations FTS Dictionaries FTS Parsers FTS Templates Foreign Tables Functions Materialized Views Operators Procedures 1.3 Sequences Tables (10) airline airport baggage baggage_check boarding_pass booking Columns (8) booking_id flight_id passenger_id booking_platform created_at updated_at status ticket_price Constraints Indexes RLS Policies

airport_db/postgres@PostgreSQL 17 No limit E M ? Scratch Pad

Query History

```
27 -- task 9
28 BEGIN;
29
30 UPDATE booking
31 SET flight_id = 8,
32     updated_at = NOW()
33 WHERE flight_id = 5;
34
35 UPDATE booking_flight
36 SET flight_id = 8,
37     updated_at = NOW()
38 WHERE flight_id = 5;
39
40 COMMIT;
41
```

Data Output Messages Notifications

COMMIT

Query returned successfully in 90 msec.

Total rows: Query complete 00:00:00.090 CRLF Ln 38, Col 21

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File Object Tools Edit View Window Help

Object Explorer .booking/air... airport_db/postgre... public.baggage/air... airport_db/postgres@PostgreSQL 17* public.passenger... public.booking/air...

Domains FTS Configurations FTS Dictionaries FTS Parsers FTS Templates Foreign Tables Functions Materialized Views Operators Procedures 1.3 Sequences Tables (10) airline airport baggage baggage_check boarding_pass booking Columns (8) booking_id flight_id passenger_id booking_platform created_at updated_at status ticket_price Constraints Indexes RLS Policies

airport_db/postgres@PostgreSQL 17 No limit E M ? Scratch Pad

Query Query History

```
26
27 -- task 9
28 BEGIN;
29
30 UPDATE booking
31 SET flight_id = 8,
32     updated_at = NOW()
33 WHERE flight_id = 5;
34
35 UPDATE booking_flight
36 SET flight_id = 8,
37     updated_at = NOW()
38 WHERE flight_id = 5;
39
40 COMMIT;
41
42 SELECT booking_id, passenger_id, flight_id
43 FROM booking
44 WHERE flight_id = 8;
```

Data Output Messages Notifications

Showing rows: 1 to 3 Page No: 1 of 1

	booking_id [PK] integer	passenger_id integer	flight_id integer
1	44	28	8
2	205	241	8
3	103	160	8

Total rows: 3 Query complete 00:00:00.153 CRLF Ln 44, Col 21