

Welcome airport/postgres@PostgreSQL 17\*

airport/postgres@PostgreSQL 17



Query Query History

Scratch Pad X

```
1 CREATE OR REPLACE PROCEDURE insert_flight(
2     p_flight_number VARCHAR,
3     p_departure_airport VARCHAR,
4     p_arrival_airport VARCHAR,
5     p_departure_time TIMESTAMP,
6     p_arrival_time TIMESTAMP,
7     p_status VARCHAR,
8     p_ticket_price NUMERIC,
9     p_airline_id INT
10 )
11 AS $$
```

**BEGIN**  

```
13     INSERT INTO flights(flight_number, departure_airport, arrival_airport, departure_time, arrival_time, status, ticket_price, airline_id)
14     VALUES (p_flight_number, p_departure_airport, p_arrival_airport, p_departure_time, p_arrival_time, p_status, p_ticket_price, p_airline_id)
15 
```

**END;**  

```
16 $$ LANGUAGE plpgsql;
17
```

Data Output Messages Notifications

CREATE PROCEDURE

Query returned successfully in 60 msec.

✓ Query returned successfully in 60 msec. X

Total rows: Query complete 00:00:00.060

CRLF Ln 17, Col 1



Поиск



4°C Clear

20:01  
02.12.2025

Welcome airport/postgres@PostgreSQL 17\*



Query Query History

```
1 ✓ create or replace procedure update_flight_status(
2     p_flight_number VARCHAR,
3     p_status VARCHAR
4 )
5 as $$
6 begin
7     update flights
8     set status = p_status
9     where flight_number = p_flight_number;
10 end;
11 $$ language plpgsql;
```

Scratch Pad

Data Output Messages Notifications

CREATE PROCEDURE

Query returned successfully in 42 msec.

Total rows: 1 Query complete 00:00:00.042

CRLF Ln 11, Col 21

Welcome airport/postgres@PostgreSQL 17\*



Query Query History

```
1 ✓ create or replace procedure get_flights_from_airport(
2     p_airport VARCHAR
3 )
4 as $$
5 begin
6     select *
7     from flights
8     where departure_airport = p_airport;
9 end;
10 $$ language plpgsql;
```

Scratch Pad

Data Output Messages Notifications

CREATE PROCEDURE

Query returned successfully in 43 msec.

Total rows: 1 Query complete 00:00:00.043

CRLF Ln 10, Col 17

Welcome airport/postgres@PostgreSQL 17\*



Query Query History

```
1 ✓ create or replace function avg_delay_arrival(p_airport VARCHAR)
2   returns numeric
3   as $$
4     select AVG(delay_minutes)
5       from flights
6      where arrial_airport = p_airport;
7   $$ language sql;
```

Scratch Pad

Data Output Messages Notifications

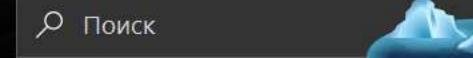
ERROR: столбец "delay\_minutes" не существует

LINE 4: select AVG(delay\_minutes)

^

Total rows: Query complete 00:00:00.041

CRLF Ln 7, Col 17



Welcome airport/postgres@PostgreSQL 17\*



Query Query History

```
1 v create or replace procedure get_passengers_by_flight(
2     p_flight_number VARCHAR
3 )
4
5 as $$
6 begin
7     select p.*
8     from passengers p
9     join booking b on p.passenger_id = b.passenger_id
10    join booking_flight bf on b.booking_id = bf.booking_id
11    join flights f on bf.flight_id = f.flight_id
12    where f.flight_number = p_flight_number;
13 end;
14 $$ language plpgsql;
```

Scratch Pad

Data Output Messages Notifications

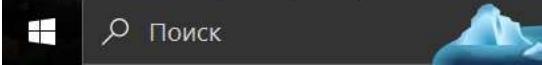
CREATE PROCEDURE

Query returned successfully in 42 msec.

✓ Query returned successfully in 42 msec. X

Total rows: Query complete 00:00:00.042

CRLF Ln 14, Col 21



Welcome airport/postgres@PostgreSQL 17\*



No limit



Query Query History

```
1 ✓ create or replace procedure get_top_frequent_passenger()
2 as $$ 
3 begin
4     select
5         p.passenger_id,
6         p.name,
7         count(*) as flights_count
8     from passengers p
9     join booking b on p.passenger_id = b.passenger_id
10    join booking_flight bf on b.booking_id = bf.booking_id
11    group by p.passenger_id, p.name
12    order by flights_count DESC
13    limit 1;
14 end;
15 $$ language plpgsql
```

Scratch Pad

Data Output Messages Notifications

CREATE PROCEDURE

Query returned successfully in 45 msec.

✓ Query returned successfully in 45 msec. ✘

Total rows: 1 Query complete 00:00:00.045

CRLF Ln 15, Col 20



Поиск



4°C Clear

ENG 20:20  
02.12.2025

Welcome airport/postgres@PostgreSQL 17\*



Query Query History

```
1 ✓ create or replace procedure get_long_delayed_flight()
2 as $$ 
3 begin
4     select *
5     from flights
6     where dela_minutes > 1440;
7 end;
8 $$ language plpgsql;
```

Scratch Pad

Data Output Messages Notifications

CREATE PROCEDURE

Query returned successfully in 42 msec.

✓ Query returned successfully in 42 msec. X

Total rows: 1 Query complete 00:00:00.042

CRLF Ln 8, Col 21



Поиск



4°C Clear

20:22  
02.12.2025

Welcome airport/postgres@PostgreSQL 17\*

airport/postgres@PostgreSQL 17

No limit

Query History

```
1 ✓ create or replace function flight_per_airline(p_airline_id INT)
2 returns INT
3 as $$ 
4     select count(*)
5         from flights
6         where airline_id = p_airline_id;
7 $$ language sql;
```

Scratch Pad

Data Output Messages Notifications

CREATE FUNCTION

Query returned successfully in 43 msec.

✓ Query returned successfully in 43 msec. X

Total rows: Query complete 00:00:00.043

CRLF Ln 7, Col 17



Поиск



4°C Clear

20:24  
02.12.2025

Welcome airport/postgres@PostgreSQL 17\*



Query Query History

```
1 ✓ create or replace procedure avg_ticket_price_flight(
2     p_flight_number VARCHAR
3 )
4 As $$
5 begin
6     select avg(ticket_price) as avg_price
7     from flights
8     where flight_number = p_flight_number;
9 end;
10 $$ language plpgsql;
```

Scratch Pad

Data Output Messages Notifications

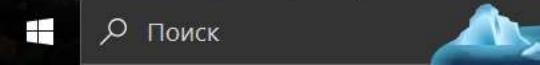
CREATE PROCEDURE

Query returned successfully in 45 msec.

✓ Query returned successfully in 45 msec. X

Total rows: Query complete 00:00:00.045

CRLF Ln 10, Col 21



Welcome airport/postgres@PostgreSQL 17\*



Query Query History

```
1 ✓ create or replace procedure get_most_expensive_flight()
2 as $$ 
3 begin
4     select flight_number, departure_airport, arrival_airport, ticket_price
5         from flights
6         order by ticket_price DESC
7         limit 1;
8 end;
9 $$ language plpgsql;
```

Scratch Pad

Data Output Messages Notifications

CREATE PROCEDURE

Query returned successfully in 46 msec.

✓ Query returned successfully in 46 msec. X

Total rows: 1 Query complete 00:00:00.046

CRLF Ln 9, Col 21



Поиск



4°C Clear

20:29  
02.12.2025