File   Object   Tools   Edit   View   Window   Help

Welcome   airport/postgres@PostgreSQL 17* ✕

airport/postgres@PostgreSQL 17

Query   Query History   Scratch Pad ✕

```
 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 $$
12   BEGIN
13       INSERT INTO flights(flight_number, departure_airport, arrival_airport, departure_time, arrival_time, status, ticket_price, airline_id)
14       VALUES (p_flight_number, p_departure_airport, p_arrival_airport, p_departure_time, p_arrival_time, p_status, p_ticket_price, p_airline_
15   END;
16   $$ LANGUAGE plpgsql;
17
```

Data Output   Messages   Notifications

CREATE PROCEDURE

Query returned successfully in 60 msec.

✓ Query returned successfully in 60 msec. ✕

Total rows: Query complete 00:00:00.060   CRLF   Ln 17, Col 1

Поиск   20:01   02.12.2025   4°C Clear   ENG

Welcome | airport/postgres@PostgreSQL 17* ✕

airport/postgres@PostgreSQL 17

File Object Tools Edit View Window Help

Query | Query History

Scratch Pad ✕

```plpgsql
create or replace procedure update_flight_status(
    p_flight_number VARCHAR,
    p_status VARCHAR
)
as $$
begin
    update flights
    set status = p_status
    where flight_number = p_flight_number;
end;
$$ language plpgsql;
```

Data Output Messages Notifications

CREATE PROCEDURE

Query returned successfully in 42 msec.

Total rows: Query complete 00:00:00.042   CRLF   Ln 11, Col 21
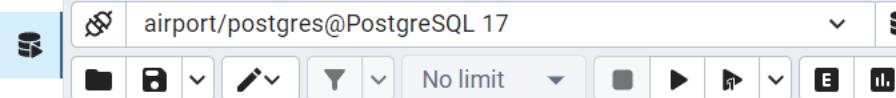
Поиск   ENG 20:04
                                                                           02.12.2025

```sql
create or replace procedure get_flighs_from_airport(
    p_airport VARCHAR
)
as $$
begin
    select *
    from flights
    where departure_airport = p_airport;
end;
$$ language plpgsql;
```

Data Output   Messages   Notifications

CREATE PROCEDURE

Query returned successfully in 43 msec.

Total rows: Query complete 00:00:00.043   CRLF   Ln 10, Col 17

pgAdmin 4

File   Object   Tools   Edit   View   Window   Help

Welcome   airport/postgres@PostgreSQL 17*   ✕

airport/postgres@PostgreSQL 17

No limit

Query   Query History   Scratch Pad   ✕

```sql
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;
```

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

```
1   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;
```

Query | Query History
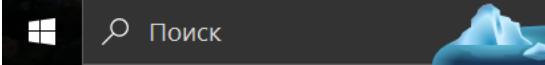
Scratch Pad

Data Output | Messages | Notifications

CREATE PROCEDURE

Query returned successfully in 42 msec.

Total rows: Query complete 00:00:00.042   CRLF   Ln 14, Col 21

Query returned successfully in 42 msec.

airport/postgres@PostgreSQL 17

```sql
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
```

Query Query History

Scratch Pad ✕

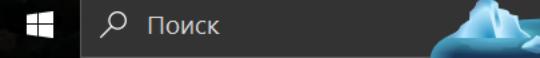Data Output Messages Notifications

CREATE PROCEDURE

Query returned successfully in 45 msec.

✓ Query returned successfully in 45 msec. ✕

Total rows: Query complete 00:00:00.045 CRLF Ln 15, Col 20

File   Object   Tools   Edit   View   Window   Help

Welcome   airport/postgres@PostgreSQL 17* ✕

airport/postgres@PostgreSQL 17

Query   Query History   Scratch Pad ✕

```
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;
```

Data Output   Messages   Notifications

CREATE PROCEDURE

Query returned successfully in 42 msec.

✅ Query returned successfully in 42 msec. ✕

Total rows: Query complete 00:00:00.042   CRLF   Ln 8, Col 21

Поиск

20:22
02.12.2025

airport/postgres@PostgreSQL 17

Query   Query History

```sql
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;
```
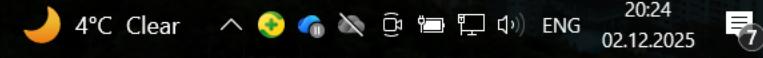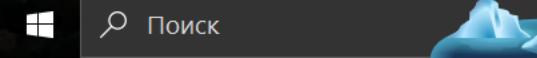
Scratch Pad ✕

Data Output   Messages   Notifications

```
CREATE FUNCTION

Query returned successfully in 43 msec.
```

✓ Query returned successfully in 43 msec. ✕

Total rows: Query complete 00:00:00.043   CRLF   Ln 7, Col 17

File   Object   Tools   Edit   View   Window   Help

Welcome   airport/postgres@PostgreSQL 17* ✕

airport/postgres@PostgreSQL 17

Query   Query History

Scratch Pad ✕

```
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;
```

Data Output   Messages   Notifications
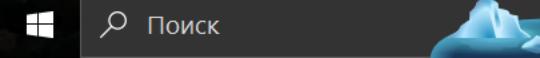
CREATE PROCEDURE

Query returned successfully in 45 msec.

✓ Query returned successfully in 45 msec. ✕

Total rows: Query complete 00:00:00.045   CRLF   Ln 10, Col 21

File   Object   Tools   Edit   View   Window   Help

Welcome   airport/postgres@PostgreSQL 17* ✕

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. ✕

Total rows: Query complete 00:00:00.046   CRLF   Ln 9, Col 21

Поиск   4°C Clear   ENG   20:29
02.12.2025