

✓ Query returned successfully in 623 msec. ✕

✓ Query returned successfully in 40 msec. ✕



The screenshot shows the pgAdmin 4 web interface. The top navigation bar includes a 'Welcome' tab and a browser tab for 'postgres/postgres@localhost'. Below the navigation bar is a toolbar with icons for file operations, query execution, and settings. The main area is titled 'Query' and 'Query History'. The SQL editor contains the following code:

```

1 CREATE OR REPLACE PROCEDURE add_baggage(
2     p_booking_id INT,
3     p_weight NUMERIC
4 )
5 AS $$
6 BEGIN
7     INSERT INTO baggage(weight_in_kg, created_at, updated_at, booking_id)
8     VALUES (p_weight, NOW(), NOW(), p_booking_id);
9 END;
10 $$ LANGUAGE plpgsql;

```

The status bar at the bottom indicates 'Total rows: Query complete 00:00:00.039' and the current cursor position is 'Ln 10, Col 21'.

The screenshot shows a PostgreSQL client window with the title "Welcome x postgres/postgres@localhost x". The interface includes a toolbar with icons for file operations, query execution, and help. The main area displays a SQL query:

```

1 CREATE OR REPLACE PROCEDURE update_ticket_price(
2     p_booking_id INT,
3     p_new_price NUMERIC
4 )
5 AS $$
6 BEGIN
7     UPDATE booking
8     SET ticket_price = p_new_price
9     WHERE booking_id = p_booking_id;
10 END;
11 $$ LANGUAGE plpgsql;

```

The status bar at the bottom indicates "Total rows: Query complete 00:00:00.039" and the cursor position "Ln 11, Col 21".



The screenshot displays a PostgreSQL client window with the title 'Welcome x postgres/postgres@localhost x'. The address bar shows 'postgres/postgres@localhost'. Below the address bar is a toolbar with various icons for file operations, query execution, and help. The main area is titled 'Query' and 'Query History'. It contains a SQL query that has been executed successfully. The query is as follows:

```
1 CREATE OR REPLACE FUNCTION get_fullname(p_passenger_id INT)
2 RETURNS TEXT
3 AS $$
4 DECLARE
5     fullname TEXT;
6 BEGIN
7     SELECT first_name || ' ' || last_name
8     INTO fullname
9     FROM passengers
10    WHERE passenger_id = p_passenger_id;
11
12    RETURN fullname;
13 END;
14 $$ LANGUAGE plpgsql;
```

At the bottom of the window, a status bar shows 'Total rows: Query complete 00:00:00.021'. A green notification box in the bottom right corner states '✓ Query returned successfully in 21 msec. ✕'. The bottom right corner of the window also shows 'LF Ln 14, Col 21'.





The screenshot shows the pgAdmin 4 web interface. The top bar indicates the user is 'postgres/postgres@localhost'. The left sidebar shows the database structure. The main pane displays a SQL query in the 'Query' tab:

```

1 CREATE OR REPLACE PROCEDURE delay_all_flights(p_minutes INT)
2 AS $$
3 BEGIN
4     UPDATE flights
5     SET scheduled_departure = scheduled_departure + (p_minutes || ' minutes')::INTERVAL,
6     scheduled_arrival = scheduled_arrival + (p_minutes || ' minutes')::INTERVAL;
7 END;
8 $$ LANGUAGE plpgsql;

```

The status bar at the bottom shows 'Total rows: Query complete 00:00:00.032' and the cursor position 'Ln 8, Col 21'.

Welcome x postgres/postgres@localhost x

postgres/postgres@localhost

Query Query History

```
1 CREATE OR REPLACE FUNCTION find_passenger_by_passport(p_passport TEXT)
2 RETURNS TABLE(
3     passenger_id INT,
4     first_name TEXT,
5     last_name TEXT,
6     country_of_citizenship TEXT
7 )
8 AS $$
9 BEGIN
10     RETURN QUERY
11     SELECT passenger_id, first_name, last_name, country_of_citizenship
12     FROM passengers
13     WHERE passport_number = p_passport;
14 END;
15 $$ LANGUAGE plpgsql;
```

Total rows: Query complete 00:00:00.032 LF Ln 15, Col 21