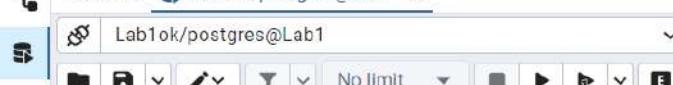


Welcome Lab1ok/postgres@Lab1*



Query Query History

```
1 -- 1. Отмена бронирования + ROLLBACK при ошибке
2 begin;
3 delete from booking_flight where booking_id = 12345; -- существующее бронирование
4 delete from booking where booking_id = 12345;
5 commit;
6 -- Проверка: строки исчезли
7 select * from booking where booking_id = 12345;
8
9 -- Симуляция ошибки
10 begin;
11 delete from booking_flight where booking_id = 99999; -- несуществующее
12 delete from booking where booking_id = 99999; -- здесь упадёт FK
13 rollback; -- всё откатится
14 -- Проверка: ничего не удалилось
15 select count(*) from booking;
```

Scratch Pad X

Data Output Messages Notifications



Showing rows: 1 to 1 | Page No: 1 of 1 | << << >> >> |

count	bigint
1	500

Welcome Lab1ok/postgres@Lab1*

Lab1ok/postgres@Lab1



```
1 -- 2 -----
2 begin;
3 update flights set actual_departure = '2025-12-25 14:30:00' where flight_id = 500;
4 commit;
5 -- Симуляция ошибки
6 begin;
7 update flights set actual_departure = '2025-12-30' where flight_id = 999999;
8 select 1/0;
9 commit;
10 rollback;
11
12
13
14
15
16
17
18 -- 1. Отмена бронирования + ROLLBACK при ошибке
19 begin:
```

Data Output Messages Notifications

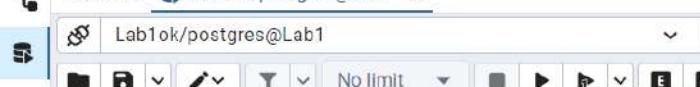
ROLLBACK

Query returned successfully in 72 msec.

Total rows: Query complete 00:00:00.072

CRLF Ln 10, Col 7

Welcome Lab1ok/postgres@Lab1*



Query Query History

```
1 BEGIN;
2 UPDATE booking
3 SET price = price * 0.9
4 WHERE booking_id IN (SELECT booking_id FROM booking_flight WHERE flight_id = 600);
5 COMMIT;
6 SELECT 'З — цена снижена' AS status;
```

Scratch Pad X

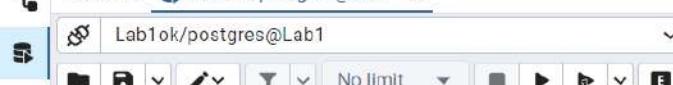
Data Output Messages Notifications



Showing rows: 1 to 1 | Page No: 1 of 1 | < << > >> |

	status	text
1		З — цена снижена

Welcome Lab1ok/postgres@Lab1*



Query Query History

```
1 -- 4.  
2 BEGIN;  
3 UPDATE passengers  
4 SET first_name = 'Alexander', last_name = 'Smith'  
5 WHERE passenger_id = 200;  
6 COMMIT;  
7 SELECT 'Данные пассажира обновлены' AS status;  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19
```

Data Output Messages Notifications



Showing rows: 1 to 1 | Page No: 1 of 1 | < << > >>

	status	text
1		Данные пассажира обновлены

✓ Successfully run. Total query runtime: 113 msec. 1 rows affected. X

Total rows: 1 Query complete 00:00:00.113

CRLF Ln 9, Col 1

Welcome Lab1ok/postgres@Lab1*

Lab1ok/postgres@Lab1



Query Query History

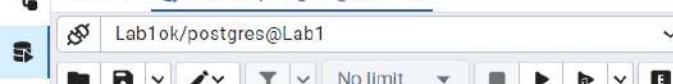
```
1 -- 6. Повышение цены на 50
2 BEGIN;
3 UPDATE booking
4 SET price = price + 50
5 WHERE booking_id IN (SELECT booking_id FROM booking_flight WHERE flight_id = 800);
6 COMMIT;
7 SELECT 'Цена повышенна' AS status;
```

Data Output Messages Notifications

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

	status	text
1		Цена повышенна

Welcome Lab1ok/postgres@Lab1*



Query Query History

```
1 -- 7. Обновление веса багажа
2 BEGIN;
3 UPDATE baggage SET weight_in_kg = 31.0 WHERE booking_id = 900;
4 COMMIT;
5 SELECT 'Вес багажа обновлён' AS status;
6
7
8 v rollback
9
10
11
12
13
14
15
16
17
18
```

Scratch Pad X

Data Output Messages Notifications



Showing rows: 1 to 1 | Page No: 1 of 1 | < << > >>

	status	text
1		Вес багажа обновлён

Welcome Lab1ok/postgres@Lab_1* Lab1ok/postgres@Lab_1*



Query Query History

```
1 -- 8. Скидка пассажиру
2 BEGIN;
3 UPDATE booking
4 SET price = price * 0.8
5 WHERE passenger_id = 300;
6
7 -- Специально вызываем ошибку
8 UPDATE booking SET no_kolonka = 1;
9
10 COMMIT;
11 ROLLBACK;
12 SELECT 'Скидка НЕ применена' AS статус;
```

Scratch Pad X

Data Output Messages Notifications



Showing rows: 1 to 1 | Page No: 1 of 1 | < << > >> |

	статус	text
1		Скидка НЕ применена

✓ Successfully run. Total query runtime:

Total rows: 1 Query complete 00:00:00.072

CRLF Ln 12, Col 40

Welcome Lab1ok/postgres... Lab1ok/postgres@Lab_1*



Query Query History

```
1 -- 9. Перенос бронирований
2 BEGIN;
3 UPDATE booking_flight SET flight_id = 600 WHERE flight_id = 500;
4 COMMIT;
5 SELECT 'Все брони перенесены с 500 на 600' AS status;
```