

firstpr Version control

Database Explorer

postgres@localhost [2] 2 of 6

db

- Information\_schema
- pg\_catalog
- public
  - tables
    - airline
    - airport
    - baggage
    - baggage\_check
    - boarding\_pass
    - booking
      - columns
        - flight\_id integer
        - passenger\_id integer
        - booking\_platform varchar(50)
        - created\_at timestamp
        - updated\_at timestamp
        - status varchar(50)
        - ticket\_price numeric(7,0)

Services

passengers 58 ms

console\_3 37 ms

lab\_1 24 ms

lab\_1 24 ms

Database Consoles > postgres@localhost [2] > console\_3

```
1 ✓ ALTER TABLE booking ADD CONSTRAINT booking___fk FOREIGN KEY (passenger_id) REFERENCES passengers(passenger_id);
2
```

```
db.public> ALTER TABLE booking ADD FOREIGN KEY (booking_pk) REFERENCES passengers(passengers_pk)
[2024-09-25 23:48:29] [42703] ОШИБКА: столбец "booking_pk", указанный в ограничении внешнего ключа, не существует
db.public> ALTER TABLE booking ADD CONSTRAINT booking___fk FOREIGN KEY (passenger_id) REFERENCES passengers(passenger_id)
[2024-09-25 23:51:18] completed in 18 ms
```

Activate Windows  
Go to Settings to activate Windows.

2:1 CRLF UTF-8 4 spaces

23:52 25.09.2024

firstprVersion control

Database Explorer

postgres@localhost [2] 2 of 6

db

Information\_schema

pg\_catalog

public

tables

airline

airport

baggage

baggage\_check

boarding\_pass

booking

columns

flight\_id integer

passenger\_id integer

booking\_platform varchar(50)

created\_at timestamp

updated\_at timestamp

status varchar(50)

ticket\_price numeric(7,0)

Databaseslab\_1console\_2passengersconsole\_3baggage\_checkbookingadmin

console\_3

db.public

ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id);

Services

passengers 58 ms

console\_3 37 ms

lab\_1 24 ms

lab\_1 24 ms

Database Consoles

postgres@localhost [2] console\_3

db.public> ALTER TABLE booking ADD FOREIGN KEY (booking\_pk) REFERENCES passengers(passengers\_pk)

[2024-09-25 23:48:29] [42703] ОШИБКА: столбец "booking\_pk", указанный в ограничении внешнего ключа, не существует

db.public> ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)

[2024-09-25 23:51:18] completed in 18 ms

2:1CRLFUTF-84 spaces

23:5225.09.2024

firstprVersion control

Database Explorer

postgres@localhost [2] 2 of 6

db

Information\_schema

pg\_catalog

public

tables

airline

airport

baggage

baggage\_check

boarding\_pass

booking

columns

flight\_id integer

passenger\_id integer

booking\_platform varchar(50)

created\_at timestamp

updated\_at timestamp

status varchar(50)

ticket\_price numeric(7,0)

Databases\lab\_1console\_2passengersconsole\_3baggage\_checkbookingadmin

console\_3

db.public

ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id);

Services

passengers 58 ms

console\_3 37 ms

lab\_1 24 ms

lab\_1 24 ms

Database Consoles

postgres@localhost [2] console\_3

db.public> ALTER TABLE booking ADD FOREIGN KEY (booking\_pk) REFERENCES passengers(passengers\_pk)

[2024-09-25 23:48:29] [42703] ОШИБКА: столбец "booking\_pk", указанный в ограничении внешнего ключа, не существует

db.public> ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)

[2024-09-25 23:51:18] completed in 18 ms

2:1CRLFUTF-84 spaces

23:5225.09.2024

firstprVersion control

Database Explorer

postgres@localhost [2] 2 of 6

db

Information\_schema

pg\_catalog

public

tables

airline

airport

baggage

baggage\_check

boarding\_pass

booking

columns

flight\_id integer

passenger\_id integer

booking\_platform varchar(50)

created\_at timestamp

updated\_at timestamp

status varchar(50)

ticket\_price numeric(7,0)

Databaseslab\_1console\_2passengersconsole\_3baggage\_checkbookingadmin

console\_3

db.public

ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id);

Services

passengers 58 ms

console\_3 37 ms

lab\_1 24 ms

lab\_1 24 ms

Database Consoles

postgres@localhost [2] console\_3

db.public> ALTER TABLE booking ADD FOREIGN KEY (booking\_pk) REFERENCES passengers(passengers\_pk)

[2024-09-25 23:48:29] [42703] ОШИБКА: столбец "booking\_pk", указанный в ограничении внешнего ключа, не существует

db.public> ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)

[2024-09-25 23:51:18] completed in 18 ms

2:1CRLFUTF-84 spaces

23:5225.09.2024

firstprVersion control

Database Explorer

postgres@localhost [2] 2 of 6

db

Information\_schema

pg\_catalog

public

tables

airline

airport

baggage

baggage\_check

boarding\_pass

booking

columns

flight\_id integer

passenger\_id integer

booking\_platform varchar(50)

created\_at timestamp

updated\_at timestamp

status varchar(50)

ticket\_price numeric(7,0)

Databaseslab\_1console\_2passengersconsole\_3baggage\_checkbookingadmin

console\_3

db.public

ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id);

Services

passengers 58 ms

console\_3 37 ms

lab\_1 24 ms

lab\_1 24 ms

Database Consoles

postgres@localhost [2] console\_3

db.public> ALTER TABLE booking ADD FOREIGN KEY (booking\_pk) REFERENCES passengers(passengers\_pk)

[2024-09-25 23:48:29] [42703] ОШИБКА: столбец "booking\_pk", указанный в ограничении внешнего ключа, не существует

db.public> ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)

[2024-09-25 23:51:18] completed in 18 ms

2:1CRLFUTF-84 spaces

23:5225.09.2024

firstprVersion control

Database Explorer

postgres@localhost [2] 2 of 6

db

Information\_schema

pg\_catalog

public

tables

airline

airport

baggage

baggage\_check

boarding\_pass

booking

columns

flight\_id integer

passenger\_id integer

booking\_platform varchar(50)

created\_at timestamp

updated\_at timestamp

status varchar(50)

ticket\_price numeric(7,0)

Databaseslab\_1console\_2passengersconsole\_3baggage\_checkbookingadmin

console\_3

db.public

ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id);

Services

passengers 58 ms

console\_3 37 ms

lab\_1 24 ms

lab\_1 24 ms

Database Consoles

postgres@localhost [2] console\_3

db.public> ALTER TABLE booking ADD FOREIGN KEY (booking\_pk) REFERENCES passengers(passengers\_pk)

[2024-09-25 23:48:29] [42703] ОШИБКА: столбец "booking\_pk", указанный в ограничении внешнего ключа, не существует

db.public> ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)

[2024-09-25 23:51:18] completed in 18 ms

2:1CRLFUTF-84 spaces

23:5225.09.2024

firstprVersion control

Database Explorer

postgres@localhost [2] 2 of 6

db

Information\_schema

pg\_catalog

public

tables

airline

airport

baggage

baggage\_check

boarding\_pass

booking

columns

flight\_id integer

passenger\_id integer

booking\_platform varchar(50)

created\_at timestamp

updated\_at timestamp

status varchar(50)

ticket\_price numeric(7,0)

Databaseslab\_1console\_2passengersconsole\_3baggage\_checkbookingadmin

console\_3

db.public

1ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id);

2

Services

passengers 58 ms

console\_3 37 ms

lab\_1 24 ms

lab\_1 24 ms

db.public> ALTER TABLE booking ADD FOREIGN KEY (booking\_pk) REFERENCES passengers(passengers\_pk)

[2024-09-25 23:48:29] [42703] ОШИБКА: столбец "booking\_pk", указанный в ограничении внешнего ключа, не существует

db.public> ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)

[2024-09-25 23:51:18] completed in 18 ms

Activate Windows

Go to Settings to activate Windows.

2:1CRLFUTF-84 spaces

23:5225.09.2024



firstprVersion control

Database Explorer

postgres@localhost [2] 2 of 6

db

Information\_schema

pg\_catalog

public

tables

airline

airport

baggage

baggage\_check

boarding\_pass

booking

columns

flight\_id integer

passenger\_id integer

booking\_platform varchar(50)

created\_at timestamp

updated\_at timestamp

status varchar(50)

ticket\_price numeric(7,0)

Databaseslab\_1console\_2passengersconsole\_3baggage\_checkbookingadmin

console\_3

db.public

ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id);

Services

passengers 58 ms

console\_3 37 ms

lab\_1 24 ms

lab\_1 24 ms

Database Consoles

postgres@localhost [2] console\_3

db.public> ALTER TABLE booking ADD FOREIGN KEY (booking\_pk) REFERENCES passengers(passengers\_pk)

[2024-09-25 23:48:29] [42703] ОШИБКА: столбец "booking\_pk", указанный в ограничении внешнего ключа, не существует

db.public> ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)

[2024-09-25 23:51:18] completed in 18 ms

2:1CRLFUTF-84 spaces

23:5225.09.2024



firstpr Version control

Database Explorer

postgres@localhost [2]

- public
  - tables 10
    - airline
    - airport
    - baggage
    - baggage\_check
    - boarding\_pass
    - booking
    - booking\_flight
    - flights
    - passengers
    - security\_check
      - columns 5
        - security\_check\_id integer
        - check\_result varchar(20)
        - created\_at timestamp
        - updated\_at timestamp
        - passenger\_id integer
    - foreign keys 1

Services

passengers 58 ms

console\_3 26 ms

lab\_1 24 ms

lab\_1 24 ms

Database Consoles > postgres@localhost [2] > console\_3

```
1 ALTER TABLE booking ADD CONSTRAINT booking___fk FOREIGN KEY (passenger_id) REFERENCES passengers(passenger_id);
2 ALTER TABLE security_check ADD CONSTRAINT security_check___fk FOREIGN KEY (passenger_id) REFERENCES passengers(passenger_id);
```

```
db.public> ALTER TABLE booking ADD CONSTRAINT booking___fk FOREIGN KEY (passenger_id) REFERENCES passengers(passenger_id)
[2024-09-25 23:51:18] completed in 18 ms
db.public> ALTER TABLE security_check ADD CONSTRAINT security_check___fk FOREIGN KEY (passenger_id) REFERENCES passengers(par
[2024-09-25 23:56:40] completed in 5 ms
```

Activate Windows  
Go to Settings to activate Windows.

2,128 CRLF UTF-8 4 spaces

23:56  
25.09.2024

firstpr Version control

Database Explorer

postgres@localhost [2]

- public
  - tables 10
    - airline
    - airport
    - baggage
    - baggage\_check
    - boarding\_pass
    - booking
    - booking\_flight
    - flights
    - passengers
    - security\_check
      - columns 5
        - security\_check\_id integer
        - check\_result varchar(20)
        - created\_at timestamp
        - updated\_at timestamp
        - passenger\_id integer
    - foreign keys 1

console\_2 console\_3 baggage\_check booking admin

1 ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id);

2 ✓ ALTER TABLE security\_check ADD CONSTRAINT security\_check\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id);

Services

passengers 58 ms

console\_3 26 ms

lab\_1 24 ms

lab\_1 24 ms

Database Consoles > postgres@localhost [2] > console\_3

db.public> ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)

[2024-09-25 23:51:18] completed in 18 ms

db.public> ALTER TABLE security\_check ADD CONSTRAINT security\_check\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(par

[2024-09-25 23:56:40] completed in 5 ms

Activate Windows  
Go to Settings to activate Windows.

2,128 CRLF UTF-8 4 spaces

23:56  
25.09.2024

firstpr Version control

Database Explorer

postgres@localhost [2]

- public
  - tables 10
    - airline
    - airport
    - baggage
    - baggage\_check
    - boarding\_pass
    - booking
    - booking\_flight
    - flights
    - passengers
    - security\_check
      - columns 5
        - security\_check\_id integer
        - check\_result varchar(20)
        - created\_at timestamp
        - updated\_at timestamp
        - passenger\_id integer
    - foreign keys 1

Services

passengers 58 ms

console\_3 26 ms

lab\_1 24 ms

lab\_1 24 ms

Database Consoles > postgres@localhost [2] > console\_3

```
1 ALTER TABLE booking ADD CONSTRAINT booking___fk FOREIGN KEY (passenger_id) REFERENCES passengers(passenger_id);
2 ALTER TABLE security_check ADD CONSTRAINT security_check___fk FOREIGN KEY (passenger_id) REFERENCES passengers(passenger_id);
```

db.public> ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)

[2024-09-25 23:51:18] completed in 18 ms

db.public> ALTER TABLE security\_check ADD CONSTRAINT security\_check\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(par

[2024-09-25 23:56:40] completed in 5 ms

Activate Windows  
Go to Settings to activate Windows.

2,128 CRLF UTF-8 4 spaces

23:56  
25.09.2024

firstprVersion control

Database ExplorerconsoleDatabases\lab\_1console\_5console\_2console\_3console\_4admin

postgres@localhost [2] 2 of 6136137db\_3information\_schema

ServicesTx+>[2024-09-26 13:12:35] completed in 4 msdb.public> ALTER TABLE booking ADD CONSTRAINT booking\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)[2024-09-26 13:14:00] completed in 10 msdb.public> ALTER TABLE security\_check ADD CONSTRAINT security\_check\_\_\_FK FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)[2024-09-26 13:14:14] completed in 6 msdb.public> ALTER TABLE baggage\_check ADD CONSTRAINT baggage\_check\_\_\_fk FOREIGN KEY (passenger\_id) REFERENCES passengers(passenger\_id)[2024-09-26 13:14:14] completed in 6 msdb.public> ALTER TABLE Baggage\_check ADD CONSTRAINT Baggage\_check\_\_\_fk\_2 FOREIGN KEY (booking\_id) REFERENCES booking(booking\_id)[2024-09-26 13:16:19] completed in 4 msdb.public> ALTER TABLE Baggage ADD CONSTRAINT fk\_booking\_baggage FOREIGN KEY (booking\_id) REFERENCES Booking(booking\_id)[2024-09-26 13:22:07] completed in 6 msdb.public> ALTER TABLE Boarding\_pass ADD CONSTRAINT fk\_booking\_boarding\_pass FOREIGN KEY (booking\_id) REFERENCES Booking(booking\_id)[2024-09-26 13:22:07] completed in 6 msdb.public> ALTER TABLE Booking\_flight ADD CONSTRAINT fk\_booking\_flight FOREIGN KEY (booking\_id) REFERENCES Booking(booking\_id)[2024-09-26 13:22:07] completed in 4 msdb.public> ALTER TABLE Booking\_flight ADD CONSTRAINT fk\_flight\_booking\_flight FOREIGN KEY (flight\_id) REFERENCES Flights(flight\_id)[2024-09-26 13:26:03] completed in 7 msdb.public> ALTER TABLE Flights ADD CONSTRAINT fk\_departing\_airport FOREIGN KEY (departing\_airport\_id) REFERENCES Airport(airport\_id)[2024-09-26 13:26:03] completed in 4 msdb.public> ALTER TABLE Flights ADD CONSTRAINT fk\_arriving\_airport FOREIGN KEY (arriving\_airport\_id) REFERENCES Airport(airport\_id)[2024-09-26 13:26:03] completed in 4 msdb.public> ALTER TABLE Flights ADD CONSTRAINT fk\_airline\_flights FOREIGN KEY (airline\_id) REFERENCES Airline(airline\_id)[2024-09-26 13:26:03] completed in 4 ms

Database Consoles > postgres@localhost [2] > console\_5137:1CRLFUTF-84 spaces

Activate WindowsGo to Settings to activate Windows.

13:2826.09.2024





Database Explorer console Databases\lab\_1 console\_5 console\_2 console\_3 console\_4 admin Files

Services

TX + > [2024-09-26 14:24:25] 1 row affected in 3 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1071, 'Seattle-Tacoma International Airport', 'United States', 'WA', 'Seattle', '2024-09-26 14:24:25', '2024-09-26 14:24:25')  
[2024-09-26 14:24:26] 1 row affected in 2 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1072, 'Orlando International Airport', 'United States', 'FL', 'Orlando', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 3 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1073, 'Denver International Airport', 'United States', 'CO', 'Denver', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 4 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1074, 'Phoenix Sky Harbor International Airport', 'United States', 'AZ', 'Phoenix', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 4 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1075, 'Philadelphia International Airport', 'United States', 'PA', 'Philadelphia', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 2 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1076, 'Minneapolis-Saint Paul International Airport', 'United States', 'MN', 'Minneapolis', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 5 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1077, 'Charlotte Douglas International Airport', 'United States', 'NC', 'Charlotte', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 1 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1078, 'Houston George Bush Intercontinental Airport', 'United States', 'TX', 'Houston', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 2 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1079, 'Miami International Airport', 'United States', 'FL', 'Miami', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 2 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1080, 'Newark Liberty International Airport', 'United States', 'NJ', 'Newark', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 2 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1081, 'Cincinnati/Northern Kentucky International Airport', 'United States', 'OH', 'Cincinnati', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 3 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1082, 'San Diego International Airport', 'United States', 'CA', 'San Diego', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 2 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1083, 'Salt Lake City International Airport', 'United States', 'UT', 'Salt Lake City', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 3 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1084, 'Detroit Metropolitan Wayne County Airport', 'United States', 'MI', 'Detroit', '2024-09-26 14:24:26', '2024-09-26 14:24:26')  
[2024-09-26 14:24:26] 1 row affected in 4 ms  
db.public> insert into airport (airport\_id, airport\_name, country, state, city, created\_at, updated\_at) values (1085, 'Las Vegas McCarran International Airport', 'United States', 'NV', 'Las Vegas', '2024-09-26 14:24:26', '2024-09-26 14:24:26')

Database Consoles > postgres@localhost [2] > console\_5

237:235 (2124 chars, 8 line breaks) CRLF UTF-8 4 spaces

1425 26.09.2024

Database Explorer

console Databases/lab\_1 console\_5 console\_2 console\_3 console\_4 admin

pg\_catalog public

airline

columns 6

airline\_id integer

airline\_code varchar

airline\_name varchar

airline\_country varchar

created\_at timestamp

updated\_at timestamp

keys 1

indexes 1

airport

baggage

```
229 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values (airport_id 1092, airport_name 'Albuquerque', country 'New Mexico', state 'New Mexico', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
230 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values (airport_id 1093, airport_name 'Albuquerque', country 'New Mexico', state 'New Mexico', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
231 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values (airport_id 1094, airport_name 'Albuquerque', country 'New Mexico', state 'New Mexico', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
232 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values (airport_id 1095, airport_name 'Albuquerque', country 'New Mexico', state 'New Mexico', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
233 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values (airport_id 1096, airport_name 'Albuquerque', country 'New Mexico', state 'New Mexico', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
234 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values (airport_id 1097, airport_name 'Albuquerque', country 'New Mexico', state 'New Mexico', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
235 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values (airport_id 1098, airport_name 'Albuquerque', country 'New Mexico', state 'New Mexico', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
236 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values (airport_id 1099, airport_name 'Albuquerque', country 'New Mexico', state 'New Mexico', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
237 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values (airport_id 1100, airport_name 'Albuquerque', country 'New Mexico', state 'New Mexico', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
238
239
240 --3
241 insert into airline(airline_id, airline_code, airline_name, airline_country, created_at, updated_at) values (airline_id 10, airline_code 'KazAir', airline_name 'Kazakhstan Airlines', airline_country 'Kazakhstan', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
242
243 --4
```

db.public

airline

columns 6

airline\_id integer

airline\_code varchar

airline\_name varchar

airline\_country varchar

created\_at timestamp

updated\_at timestamp

keys 1

indexes 1

airport

baggage

Services

TX +

```
db.public> insert into airline(airline_name, airline_country) values ('kazair', 'kazakhstan')
[2024-09-26 14:27:23] [23502] ОШИБКА: значение NULL в столбце "airline_id" отношения "airline" нарушает ограничение NOT NULL
[2024-09-26 14:27:23] Detail: Ошибочная строка содержит (null, null, KazAir, Kazakhstan, null, null).
db.public> insert into airline(airline_id, airline_code, airline_name, airline_country, created_at, updated_at, info) values (10, 'kazakh', 'KazAir', 'Kazakhstan', '2011-09-09 00:00:00', '2011-09-09 00:00:00', 'info')
[2024-09-26 14:30:06] [42703] ОШИБКА: столбец "info" в таблице "airline" не существует
[2024-09-26 14:30:06] Position: 182
db.public> insert into airline(airline_id, airline_code, airline_name, airline_country, created_at, updated_at) values (10, 'kazakh', 'KazAir', 'Kazakhstan', '2011-09-09 00:00:00', '2011-09-09 00:00:00')
[2024-09-26 14:30:23] 1 row affected in 5 ms
```

Database Consoles > postgres@localhost [2] > console\_5

243.4 CRLF UTF-8 4 spaces

14:30 26.09.2024



Database Explorer

postgres@localhost [2]

pg\_catalog

public

tables 10

airline

columns 6

airline\_id integer

airline\_code varchar

airline\_name varchar

airline\_country varchar

created\_at timestamp

updated\_at timestamp

keys 1

indexes 1

airport

baggage

console

Databases/lab\_1

console\_5

console\_2

console\_3

console\_4

admin

Playground

```
229 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values ( airport_id 1092, airport_name 'Albuquerque', country 'New Mexico', state 'NM', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
230 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values ( airport_id 1093, airport_name 'Albuquerque', country 'New Mexico', state 'NM', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
231 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values ( airport_id 1094, airport_name 'Albuquerque', country 'New Mexico', state 'NM', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
232 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values ( airport_id 1095, airport_name 'Albuquerque', country 'New Mexico', state 'NM', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
233 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values ( airport_id 1096, airport_name 'Albuquerque', country 'New Mexico', state 'NM', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
234 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values ( airport_id 1097, airport_name 'Albuquerque', country 'New Mexico', state 'NM', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
235 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values ( airport_id 1098, airport_name 'Albuquerque', country 'New Mexico', state 'NM', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
236 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values ( airport_id 1099, airport_name 'Albuquerque', country 'New Mexico', state 'NM', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
237 insert into airport (airport_id, airport_name, country, state, city, created_at, updated_at) values ( airport_id 1100, airport_name 'Albuquerque', country 'New Mexico', state 'NM', city 'Albuquerque', created_at '2011-09-09 00:00:00', updated_at '2011-09-09 00:00:00');
238
239 --3
240
241 insert into airline(airline_id, airline_code, airline_name, airline_country, created_at, updated_at) values (10, 'kazakh', 'KazAir', 'Kazakhstan', '2011-09-09 00:00:00', '2011-09-09 00:00:00');
242
243
244 UPDATE airline SET airline_country = 'Turkey' WHERE airline_id = 10;
```

Data Source: postgres@localhost [2]

Database: db

Schema: public

Table: airport

Column: updated\_at

```
alter table airport
add updated_at timestamp not null;
```

Services

TX

+

2024-09-26 14:27:43] detail: ошибочная строка содержит (null, null, kazakh, kazakhstan, null, null).

db.public> insert into airline(airline\_id, airline\_code, airline\_name, airline\_country, created\_at, updated\_at, info) values (10, 'kazakh', 'KazAir', 'Kazakhstan', '2011-09-09 00:00:00', '2011-09-09 00:00:00', 'info');

[2024-09-26 14:30:06] [42703] ОШИБКА: столбец "info" в таблице "airline" не существует

[2024-09-26 14:30:06] Position: 162

db.public> insert into airline(airline\_id, airline\_code, airline\_name, airline\_country, created\_at, updated\_at) values (10, 'kazakh', 'KazAir', 'Kazakhstan', '2011-09-09 00:00:00', '2011-09-09 00:00:00');

[2024-09-26 14:30:23] 1 row affected in 5 ms

db.public> UPDATE airline SET airline\_country = 'Turkey' WHERE airline\_id = 10

[2024-09-26 14:35:41] 1 row affected in 14 ms

Database Consoles > postgres@localhost [2] > console\_5

244:68 CRLF UTF-8 4 spaces

14:35 26.09.2024

Activate Windows

Go to Settings to activate Windows.

Database Explorer

postgres@localhost [2]

information\_schema

pg\_catalog

public

tables 10

airline

columns 6

airline\_id integer

airline\_code varchar

airline\_name varchar

airline\_country varchar

created\_at timestamp

updated\_at timestamp

keys 1

indexes 1

airport

baggage

console

Databases/lab\_1

console\_5

console\_2

console\_3

console\_4

admin

253 --4

254 UPDATE airline SET airline\_country = 'Turkey' WHERE airline\_id = 10;

255

256 --5

257 insert into airline(airline\_id, airline\_code, airline\_name, airline\_country, created\_at, updated\_at) values (airline\_id 11, airline\_code 'k2', 'AirEasy', 'France', '2011-01-09 00:00:00', '2019-08-09 00:00:00');

258 DELETE FROM airline WHERE airline\_name = 'SIT';

259

260 --6

261 INSERT INTO Airline(AIRLINE\_ID, AIRLINE\_CODE, AIRLINE\_NAME, AIRLINE\_COUNTRY, CREATED\_AT, UPDATED\_AT)

262 VALUES(

263 airline\_id 12, airline\_code 'k2', airline\_name 'AirEasy', airline\_country 'France', created\_at '2011-01-09 00:00:00', updated\_at '2019-08-09 00:00:00'),

264 ( airline\_id 13, airline\_code 'vd', airline\_name 'FlyHigh', airline\_country 'Brazil', created\_at '2001-08-09 00:00:00', updated\_at '2019-05-09 00:00:00'),

265 ( airline\_id 18, airline\_code 'bdvd', airline\_name 'FlyFly', airline\_country 'Poland', created\_at '2006-08-09 00:00:00', updated\_at '2014-08-09 00:00:00')

266

db.public

62

Services

TX +

db.public> DELETE FROM airline WHERE airline\_name = 'SIT'

[2024-09-26 14:38:35] 1 row affected in 15 ms

db.public> INSERT INTO Airline(AIRLINE\_ID, AIRLINE\_CODE, AIRLINE\_NAME, AIRLINE\_COUNTRY, CREATED\_AT, UPDATED\_AT)

VALUES(

12, 'k2', 'AirEasy', 'France', '2011-01-09 00:00:00', '2019-08-09 00:00:00'),

(13, 'vd', 'FlyHigh', 'Brazil', '2001-08-09 00:00:00', '2019-05-09 00:00:00'),

(18, 'bdvd', 'FlyFly', 'Poland', '2006-08-09 00:00:00', '2014-08-09 00:00:00')

[2024-09-26 14:46:40] 3 rows affected in 7 ms

Database Consoles > postgres@localhost [2] > console\_5

255:83 CRLF UTF-8 4 spaces

14:46 26.09.2024

firstpr Version control

Database Explorer

postgres@localhost [2]

booking\_id integer

flight\_id integer

console console Databases\lab\_1 console\_5 x console\_2 console\_3 console\_4 admin

Unsafe query: 'Update' statement without 'where' updates all table rows at once

Execute Execute and Suppress

Services

db.public> INSERT INTO Airline (airline\_id, airline\_code, airline\_name, airline\_country, created\_at, updated\_at) VALUES (5, 'EXA', 'Example Airline', 'USA', NOW(), NOW());

[2024-09-26 15:12:10] [42601] ОШИБКА: ошибка синтаксиса в конце

[2024-09-26 15:12:10] Position: 163

db.public> INSERT INTO flights (flight\_id, sch\_departure\_time, sch\_arrival\_time, departing\_airport\_id, arriving\_airport\_id, departing\_gate, arriving\_gate, airline\_id, act\_departure\_time, act\_arrival\_time, created\_at, updated\_at) VALUES (1, '2024-01-15 08:30:00', '2024-01-15 12:00:00', 101, 102, 'G1', 'G4', 5, '2024-01-15 08:45:00', '2024-01-15 12:05:00', '2011-01-09 00:00:00', '2011-01-19 00:00:00');

[2024-09-26 15:12:22] 1 row affected in 3 ms

Database Consoles > postgres@localhost [2] > console\_5

280:65 CRLF UTF-8 4 spaces

15:19 26.09.2024

Activate Windows Go to Settings to activate Windows.

Database Explorer

postgres@localhost [2]

- booking\_id integer
- flight\_id integer
- passenger\_id integer
- booking\_platform varchar
- created\_at timestamp
- updated\_at timestamp
- status varchar(50)
- ticket\_price numeric(7,2)
- keys 1
- foreign keys 1
- indexes 1
- booking\_flight
- flights
  - columns 12
    - flight\_id integer
    - sch\_departure\_time time

consoleconsoleDatabases/lab\_1console\_5console\_2console\_3console\_4admin

console\_5

created\_at, updated\_at)  
VALUES  
(  
flight\_id 1, sch\_departure\_time '2024-01-15 08:30:00', sch\_arrival\_time '2024-01-15 12:00:00',  
departing\_airport\_id 101, arriving\_airport\_id 102,  
departing\_gate '61', arriving\_gate '64',  
airline\_id 5, act\_departure\_time '2024-01-15 08:45:00', act\_arrival\_time '2024-01-15 12:05:00',  
created\_at '2011-01-09 00:00:00', updated\_at '2011-01-19 00:00:00'  
);  
DELETE FROM Flights WHERE EXTRACT(YEAR FROM sch\_arrival\_time) = 2024;  
UPDATE Booking SET ticket\_price = ticket\_price \* 1.1 WHERE ticket\_price > 0;

Services

[2024-09-26 15:15:45] 1 row affected in 12 ms  
[2024-09-26 15:18:07] Unsafe query: 'Update' statement without 'where' updates all table rows at once  
db.public> UPDATE Booking SET ticket\_price = "" Booking.ticket\_price \* 1.1 WHERE ticket\_price > 0  
[2024-09-26 15:21:27] [42601] ОШИБКА: пустой идентификатор в кавычках (примерное положение: "")  
[2024-09-26 15:21:27] Position: 35  
db.public> UPDATE Booking SET ticket\_price = ticket\_price \* 1.1 WHERE ticket\_price > 0  
[2024-09-26 15:21:38] completed in 9 ms

Database Consoles > postgres@localhost [2] > console\_5

280:35 CRLF UTF-8 4 spaces

Activate Windows  
Go to Settings to activate Windows.

15:21  
26.09.2024

Database Explorer

postgres@localhost [2]

- booking\_id integer
- flight\_id integer
- passenger\_id integer
- booking\_platform varchar
- created\_at timestamp
- updated\_at timestamp
- status varchar(50)
- ticket\_price numeric(7,2)
- keys 1
- foreign keys 1
- indexes 1
- booking\_flight
- flights
  - columns 12
    - flight\_id integer
    - sch\_departure\_time time

console5

- created\_at, updated\_at)
- VALUES
- (
- flight\_id 1, sch\_departure\_time '2024-01-15 08:30:00', sch\_arrival\_time '2024-01-15 12:00:00',
- departing\_airport\_id 101, arriving\_airport\_id 102,
- departing\_gate '61', arriving\_gate '64',
- airline\_id 5, act\_departure\_time '2024-01-15 08:45:00', act\_arrival\_time '2024-01-15 12:05:00',
- created\_at '2011-01-09 00:00:00', updated\_at '2011-01-19 00:00:00'
- );
- DELETE FROM Flights WHERE EXTRACT(YEAR FROM sch\_arrival\_time) = 2024;
- 8
- UPDATE Booking SET ticket\_price = ticket\_price \* 1.1 WHERE ticket\_price > 0;
- 8
- DELETE FROM Booking WHERE ticket\_price < 1000;

Services

- db.public> UPDATE Booking SET ticket\_price = "" .Booking.ticket\_price \* 1.1 WHERE ticket\_price > 0
- [2024-09-26 15:21:27] [42601] ОШИБКА: пустой идентификатор в кавычках (примерное положение: "\*\*\*\*")
- [2024-09-26 15:21:27] Position: 35
- db.public> UPDATE Booking SET ticket\_price = ticket\_price \* 1.1 WHERE ticket\_price > 0
- [2024-09-26 15:21:38] completed in 9 ms
- db.public> DELETE FROM Booking WHERE ticket\_price < 1000
- [2024-09-26 15:22:51] completed in 4 ms

Database Consoles > postgres@localhost [2] > console5

Activate Windows  
Go to Settings to activate Windows.

283:21 CRLF UTF-8 4 spaces 15:22 26.09.2024