

```

angelina@MacBook-Pro-Angelina-2 ~ % psql -f demo-small-20170815.sql -U postgres
psql: error: demo-small-20170815.sql: No such file or directory
angelina@MacBook-Pro-Angelina-2 ~ % psql -f Downloads/demo-small-20170815.sql -U postgres
SET
SET
SET
SET
SET
SET
SET
psql:Downloads/demo-small-20170815.sql:17: ERROR:  database "demo" does not exist
CREATE DATABASE
You are now connected to database "demo" as user "postgres".
SET
SET
SET
SET
SET
SET
SET
CREATE SCHEMA
COMMENT
CREATE EXTENSION
COMMENT
SET
CREATE FUNCTION
CREATE FUNCTION
COMMENT
SET
CREATE TABLE
COMMENT
COMMENT
COMMENT
COMMENT
CREATE VIEW
COMMENT
COMMENT
COMMENT
COMMENT
CREATE TABLE
COMMENT
COMMENT
COMMENT
COMMENT
CREATE VIEW
COMMENT
COMMENT
COMMENT
COMMENT
CREATE TABLE
COMMENT
COMMENT
COMMENT
COMMENT
CREATE TABLE

```

The screenshot shows the DataGrip IDE interface. The top bar includes a 'Version control' dropdown and a 'Current File' dropdown. The main workspace is divided into three panes:

- Database Explorer:** Shows a tree view of the database structure. The 'demo' database is expanded, showing tables like 'aircrafts_data', 'airports_data', and 'bookings'. The 'bookings' table is selected.
- SQL Editor:** Contains a SQL query:


```
--1
select ticket_no, flight_id, fare_conditions, amount
from ticket_flights
union all
select ticket_no, flight_id, seat_no, boarding_no
from boarding_passes;
```
- Results Panel:** Displays the query results in a table format. The table has four columns: 'ticket_no', 'flight_id', 'fare_conditions', and 'amount'. The results show 18 rows of data.

The bottom status bar indicates the file is 'demo\hw6.sql' with a 2:6 line, UTF-8 encoding, and 4 spaces.

| ticket_no | flight_id | fare_conditions | amount |
|---------------|-----------|-----------------|--------|
| 0005433452741 | 31085 | Economy | 8400 |
| 0005433452740 | 31085 | Economy | 8400 |
| 0005433454855 | 31423 | Economy | 8400 |
| 0005433452724 | 31423 | Economy | 8400 |
| 0005433452727 | 31423 | Economy | 8400 |
| 0005433452728 | 31423 | Economy | 8400 |
| 0005433454854 | 31423 | Economy | 8400 |
| 0005433452726 | 31423 | Economy | 8400 |
| 0005434142592 | 11993 | Economy | 7200 |
| 0005433129244 | 11993 | Economy | 7200 |
| 0005433134108 | 11993 | Economy | 6600 |
| 0005433134094 | 11993 | Economy | 6600 |
| 0005434142597 | 11993 | Economy | 6600 |
| 0005433134092 | 11993 | Economy | 6600 |
| 0005434142580 | 11993 | Economy | 6600 |
| 0005434184647 | 11993 | Economy | 6600 |
| 0005434142581 | 11993 | Economy | 6600 |
| 0005434184468 | 11993 | Economy | 6600 |

demobd - hw6.sql

Database Explorer

- demo@localhost (1 of 4)
 - demo (1 of 4)
 - bookings
 - tables 8
 - aircrafts_data
 - airports_data
 - columns 5
 - airport_code char(3)
 - airport_name jsonb

Services

Output

10 rows

| | flight_id | flight_no |
|----|-----------|-----------|
| 1 | 33099 | PG0063 |
| 2 | 33052 | PG0359 |
| 3 | 32961 | PG0550 |
| 4 | 32871 | PG0616 |
| 5 | 32806 | PG0080 |
| 6 | 32739 | PG0367 |
| 7 | 32724 | PG0024 |
| 8 | 32645 | PG0674 |
| 9 | 32632 | PG0668 |
| 10 | 32543 | PG0371 |

demobd - hw6.sql

Database Explorer

- demo@localhost (1 of 4)
 - demo (1 of 4)
 - bookings
 - tables 8
 - aircrafts_data
 - airports_data
 - columns 5
 - airport_code char(3)
 - airport_name jsonb
 - city jsonb
 - coordinates point
 - timezone text
 - keys 1
 - indexes 1
 - boarding_passes
 - bookings
 - flights
 - columns 10
 - keys 2
 - flights_pkey (flight_id)
 - flights_flight_no_scheduled_dep
 - foreign keys 3
 - indexes 2

Services

Output

104 rows

| | airport_name | city | total_flights | total_departures |
|---|--|---|---------------|------------------|
| 1 | { "en": "Abakan Airport", "ru": "Абакан" } | { "en": "Abakan", "ru": "Абакан" } | 33121 | 33121 |
| 2 | { "en": "Anapa Vityazevo Airport", "ru": "Витязево" } | { "en": "Anapa", "ru": "Анапа" } | 33121 | 33121 |
| 3 | { "en": "Astrakhan Airport", "ru": "Астрахань" } | { "en": "Astrakhan", "ru": "Астрахань" } | 33121 | 33121 |
| 4 | { "en": "Barnaul Airport", "ru": "Барнаул" } | { "en": "Barnaul", "ru": "Барнаул" } | 33121 | 33121 |
| 5 | { "en": "Begishevo Airport", "ru": "Бегисшево" } | { "en": "Nizhnekamsk", "ru": "Нижнекамск" } | 33121 | 33121 |
| 6 | { "en": "Belgorod International Airport", "ru": "Белгород" } | { "en": "Belgorod", "ru": "Белгород" } | 33121 | 33121 |

demobd - hw6.sql

library - V3_After_table.sql

Database Explorer

demo@localhost 1 of 4

demo 1 of 4

bookings

tables 8

aircrafts_data

airports_data

columns 5

airport_code char(3)

airport_name jsonb

city jsonb

coordinates point

timezone text

keys 1

indexes 1

boarding_passes

bookings

flights

columns 10

keys 2

flights nkey (flight id)

kr2.sql

hw6.sql

bookings

airports_data

airports_data

flights

Files

demobd ~/DataGripProjects/demobd

classwork.sql

hw6.sql

kr2.sql

Scratches and Consoles

Database Consoles

demo@localhost

Extensions

40

--4

41

42 ✓

43

44

45

46

47

48

49

50

51

52

53

54

55

56

SELECT

LEAST(f1.departure_airport, f1.arrival_airport) AS airport1,

GREATEST(f1.departure_airport, f1.arrival_airport) AS airport2

FROM

flights f1

WHERE

EXISTS (

SELECT 1

FROM flights f2

WHERE

(f1.departure_airport = f2.departure_airport AND f1.arrival_airport = f2.arrival_airport)

(f1.departure_airport = f2.arrival_airport AND f1.arrival_airport = f2.departure_airport)

)

GROUP BY

airport1, airport2;

Services

:

—

Tx

>

Output

--4 x

--3

309 rows

CSV

Download

Copy

Print

Fullscreen

airport1

:

airport2

:

1

AAQ

:

EG0

2

AAQ

:

NOZ

3

AAQ

:

SV0

4

ABA

:

ARH

5

ABA

:

DME

6

ABA

:

GRV

7

ABA

:

KYZ

8

ABA

:

OVB

demobd

>

hw6.sql

42:4

LF

UTF-8

4 spaces

🔔