

```

user@Dungeon-machine hw6 % psql -d demo -U postgres
psql (15.4 (Homebrew))
Введите "help", чтобы получить справку.

demo=# \dt

```

Список отношений			
Схема	Имя	Тип	Владелец
bookings	aircrafts_data	таблица	postgres
bookings	airports_data	таблица	postgres
bookings	boarding_passes	таблица	postgres
bookings	bookings	таблица	postgres
bookings	flights	таблица	postgres
bookings	seats	таблица	postgres
bookings	ticket_flights	таблица	postgres
bookings	tickets	таблица	postgres

(8 строк)

## Dump execution

The screenshot shows a SQL playground interface. The query editor contains the following SQL code:

```

select flight_no, status
from flights
limit 6
) as t1
union all
select ticket_no, passenger_id
from (
select ticket_no, passenger_id
from tickets
limit 6
) as t2
order by one desc;

```

The results pane shows 12 rows of data. The first 6 rows are from the 'flights' table, and the next 6 rows are from the 'tickets' table. The results are ordered by the 'one' column in descending order.

	one	second
1	PG0667	Scheduled
2	PG0561	Scheduled
3	PG0529	Scheduled
4	PG0461	Scheduled
5	PG0134	Scheduled
6	PG0052	Scheduled
7	0005432000992	2021 652719
8	0005432000991	6615 976589
9	0005432000990	4849 400049
10	0005432000989	1011 752484
11	0005432000988	8499 420203
12	0005432000987	8149 604011

## Query 1

```

17 ✓ select flight_id, departure_airport, arrival_airport, status
18 from flights
19 where status = 'Scheduled'
20 limit 10;

```

Output demo.bookings.flights x

10 rows

	flight_id	departure_airport	arrival_airport	status
1	1185	DME	BTK	Scheduled
2	3979	VKO	HMA	Scheduled
3	4739	VKO	AER	Scheduled
4	5502	SVO	UFA	Scheduled
5	6938	SVO	ULV	Scheduled
6	7784	SVO	KRO	Scheduled
7	9478	LED	REN	Scheduled
8	11085	SVX	SCW	Scheduled
9	11847	KZN	IKT	Scheduled
10	12012	KZN	MQF	Scheduled

Query 2

```

22
23 --req3
24 ✓ select arrival_airport as аэропорт_прибытия, status as статус, count(flight_id) as кол_во
25 from flights
26 where exists(select 1 from ticket_flights where amount > 150000 and ticket_flights.flight_id = flights.flight_id)
27 group by аэропорт_прибытия, статус;
28
29

```

Output req3 x

34 rows

	аэропорт_прибытия	статус	кол_во
1	DME	Arrived	77
2	DME	Scheduled	69
3	UUS	Arrived	60
4	KHV	Arrived	60
5	KHV	Scheduled	59
6	UUS	Scheduled	51
7	SVO	Scheduled	32
8	SVO	Arrived	32

Query 3

30

31 ✓

32

33

34

35

36

37

```
select departure_airport, arrival_airport
from flights as first
where exists(select departure_airport, arrival_airport
             from flights as second
             where second.departure_airport < second.arrival_airport
             and first.departure_airport < first.arrival_airport)
group by departure_airport, arrival_airport;
```

Output req4 ×

309 rows

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Tx: Auto

DDL

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	departure_airport	arrival_airport
1	DME	GDZ
2	AAQ	EGO
3	GDZ	ROV
4	LPK	PES
5	GOJ	NAL
6	AER	PEZ
7	KJA	NUX
8	OSW	VKO

Query 4