

```
console_5 x airline2 booking flights
Tx: Auto Playground postgres.public

1 --1
2 ✓ SELECT f.*
3 FROM flights f
4     JOIN airline2 a 1.n<->1: ON f.airline_id = a.airline_id
5 WHERE a.airline_name = 'IPC';
6
7 --2
8 ✓ SELECT
9     f.flight_no,
10    dep.airport_name AS departure_airport
11 FROM flights f
12     JOIN airport dep 1.n<->1: ON f.departure_airport_id = dep.airport_id;
13
14 --3
15 ✓ SELECT a.airline_name
16 FROM airline2 a
17 WHERE a.airline_id NOT IN (
18     SELECT DISTINCT f.airline_id
19     FROM flights f
20     WHERE f.scheduled_departure BETWEEN
21         date_trunc('month', CURRENT_DATE + interval '1 month')
22         AND date_trunc('month', CURRENT_DATE + interval '2 month')
23 );
24
25 --4
26 ✓ SELECT p.first_name, p.last_name
27 FROM passengers p
28     JOIN booking b 1<->1.n: ON p.passenger_id = b.passenger_id
29     JOIN booking_flight bf 1<->1.n: ON b.booking_id = bf.booking_id
30     JOIN flights f 1.n<->1: ON bf.flight_id = f.flight_id
31 WHERE f.flight_no = 'US-CT';
32
33 --5
34 ✓ SELECT
35     bf.flight_id,
36     AVG(b.price2) AS avg_price,
37     SUM(b.price2) AS total_price,
38     MAX(b.price2) AS max_price,
39     MIN(b.price2) AS min_price
40 FROM booking b
41     JOIN booking_flight bf 1<->1.n: ON b.booking_id = bf.booking_id
42 GROUP BY bf.flight_id;
43
44 --6
45 ✓ SELECT
46     f.flight_no,
47     a2.airline_name,
48     dep.airport_name AS departure_airport,
49     arr.airport_name AS arrival_airport,
50     arr.country AS arrival_country
51 FROM flights f
52     JOIN airline2 a2 1.n<->1: ON f.airline_id = a2.airline_id
53     JOIN airport dep 1.n<->1: ON f.departure_airport_id = dep.airport_id
54     JOIN airport arr 1.n<->1: ON f.arrival_airport_id = arr.airport_id
55 WHERE arr.country = 'Kazakhstan';
56
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57 --7
58 ✓ SELECT
59     p.first_name,
60     p.last_name,
61     arr.airport_name AS arrival_airport
62 FROM passengers p
63 JOIN booking b 1<->1..n: ON p.passenger_id = b.passenger_id
64 JOIN booking_flight bf 1<->1..n: ON b.booking_id = bf.booking_id
65 JOIN flights f 1..n<->1: ON bf.flight_id = f.flight_id
66 JOIN airport arr 1..n<->1: ON f.arrival_airport_id = arr.airport_id
67 WHERE AGE(CURRENT_DATE, p.date_of_birth) < interval '18 years';
68
69 --8
70 ✓ SELECT
71     p.first_name || ' ' || p.last_name AS full_name,
72     p.passport_number,
73     f.scheduled_arrival AS arrival_time
74 FROM passengers p
75     JOIN booking b 1<->1..n: ON p.passenger_id = b.passenger_id
76     JOIN booking_flight bf 1<->1..n: ON b.booking_id = bf.booking_id
77     JOIN flights f 1..n<->1: ON bf.flight_id = f.flight_id;
78
79 --9
80 ✓ SELECT
81     dep.country AS country,
82     COUNT(f.flight_id) AS total_flights
83 FROM flights f
84     JOIN airline2 a 1..n<->1: ON f.airline_id = a.airline_id
85     JOIN airport dep 1..n<->1: ON f.departure_airport_id = dep.airport_id
86 WHERE a.airline_country = dep.country
87 GROUP BY dep.country;

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