

```
console_5 ×  airflow2  booking  flights
D postres.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 --5
33 ✓ SELECT
34   bf.flight_id,
35   AVG(b.price2) AS avg_price,
36   SUM(b.price2) AS total_price,
37   MAX(b.price2) AS max_price,
38   MIN(b.price2) AS min_price
39  FROM booking b
40    JOIN booking_flight bf  1<->1..n: ON b.booking_id = bf.booking_id
41  GROUP BY bf.flight_id;
42
43 --6
44 ✓ SELECT
45   f.flight_no,
46   a2.airline_name,
47   dep.airport_name AS departure_airport,
48   arr.airport_name AS arrival_airport,
49   arr.country AS arrival_country
50  FROM flights f
51    JOIN airline2 a2  1..n<->1: ON f.airline_id = a2.airline_id
52    JOIN airport dep  1..n<->1: ON f.departure_airport_id = dep.airport_id
53    JOIN airport arr  1..n<->1: ON f.arrival_airport_id = arr.airport_id
54  WHERE arr.country = 'Kazakhstan';
55
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;
```