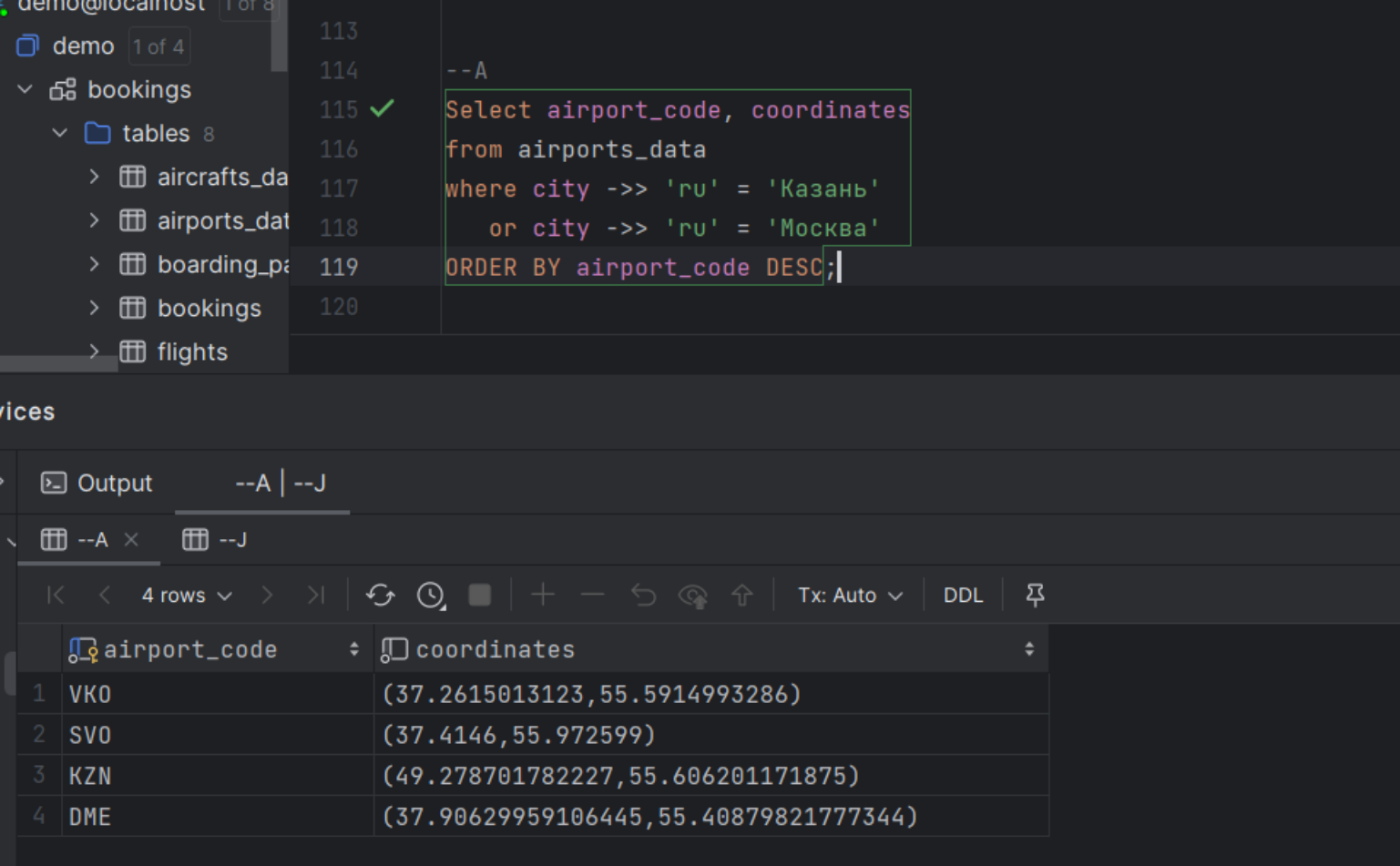
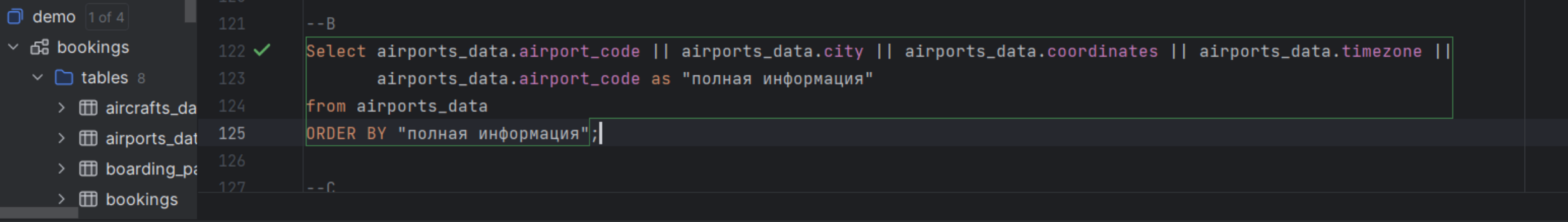

demo@localhost 1 of 8
demo 1 of 4
bookings
tables 8
aircrafts_da
airports_dat
boarding_pa
bookings
flights
113
114 --A
115 Select airport_code, coordinates
116 from airports_data
117 where city ->> 'ru' = 'Казань'
118 or city ->> 'ru' = 'Москва'
119 ORDER BY airport_code DESC;
120
vices
Output --A | --J
--A
--J
4 rows
Tx: Auto
DDL
airport_code
coordinates
1 VKO (37.2615013123,55.5914993286)
2 SVO (37.4146,55.972599)
3 KZN (49.278701782227,55.606201171875)
4 DME (37.90629959106445,55.40879821777344)



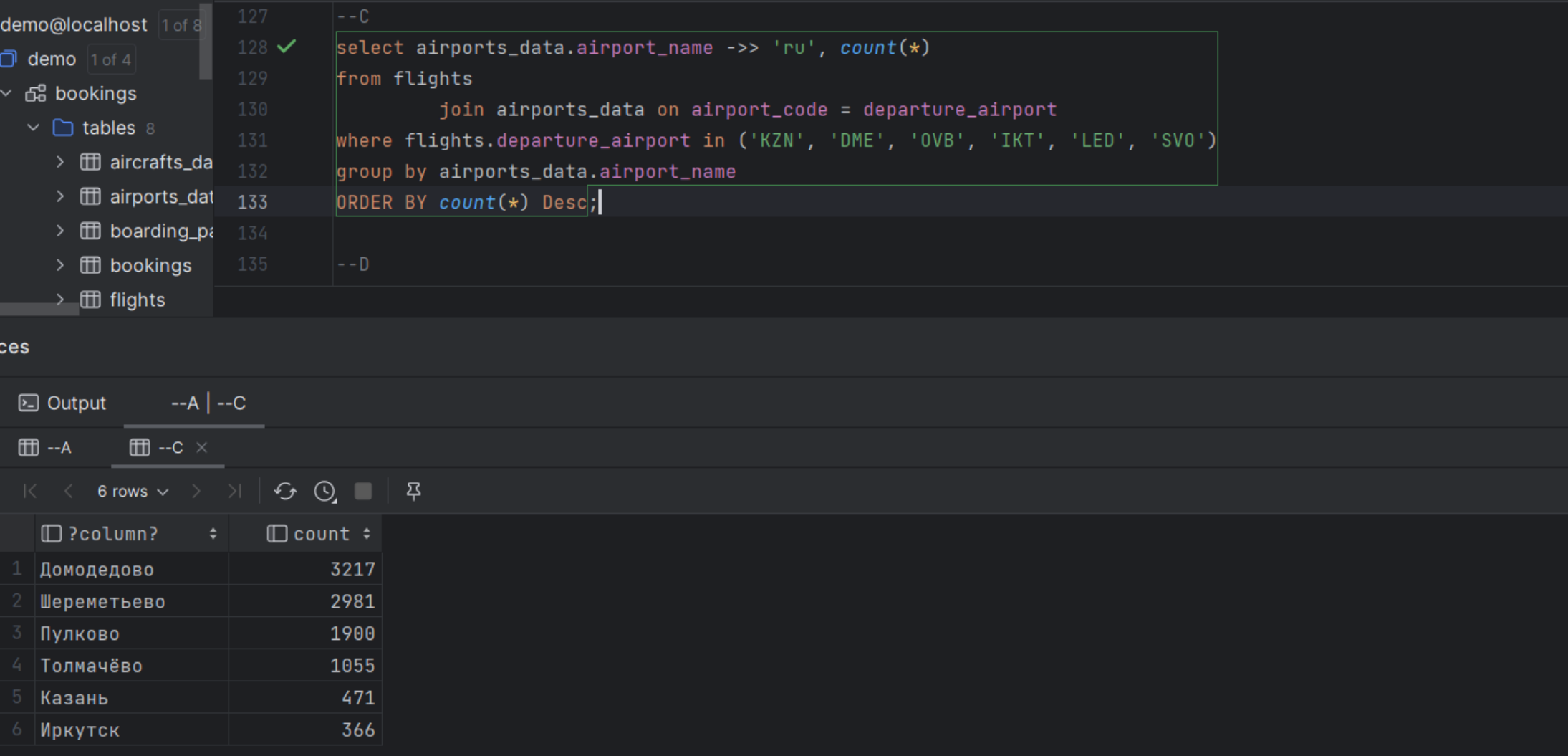
ices

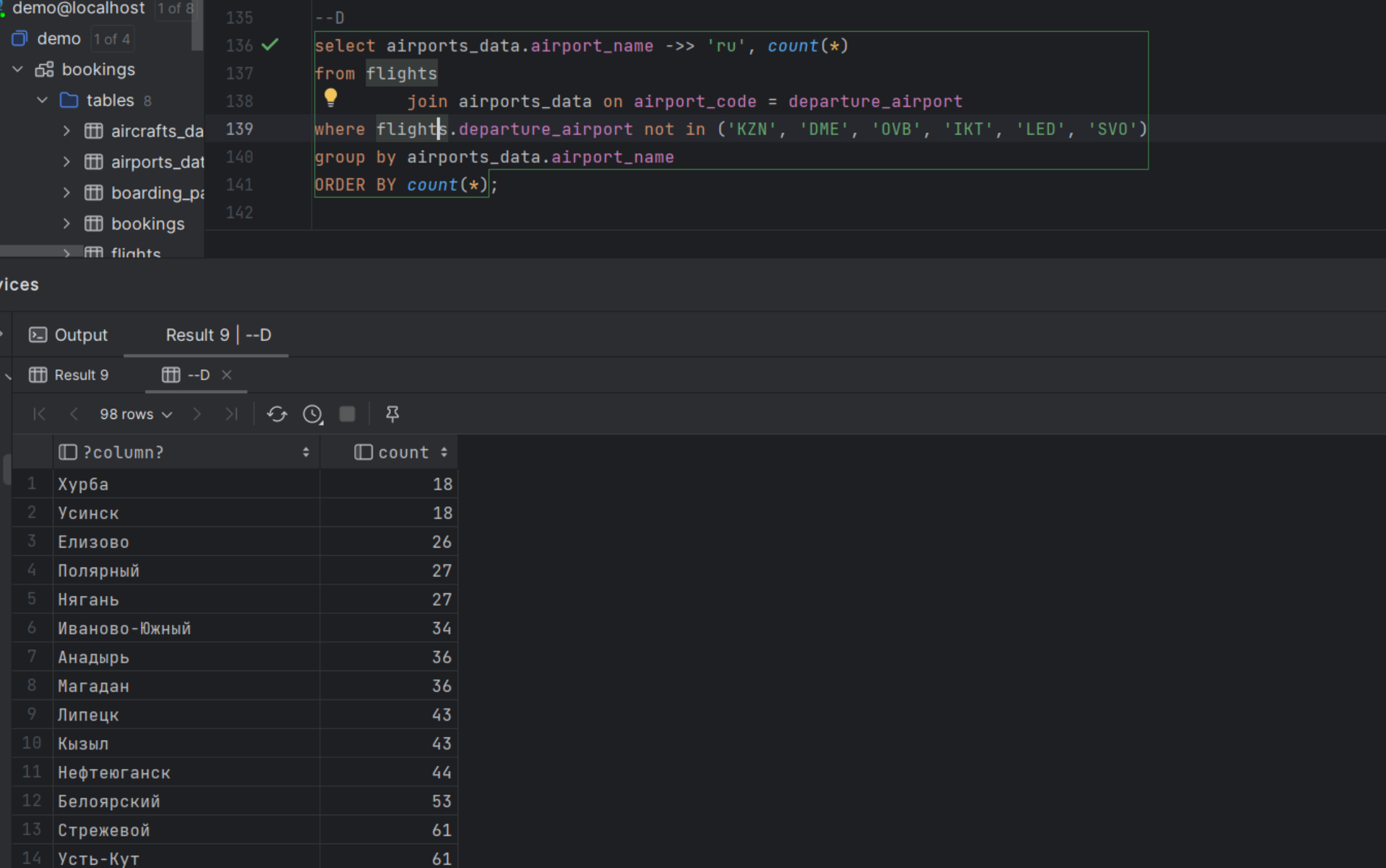
Output | demo.bookings.airports_data | полная информация:text

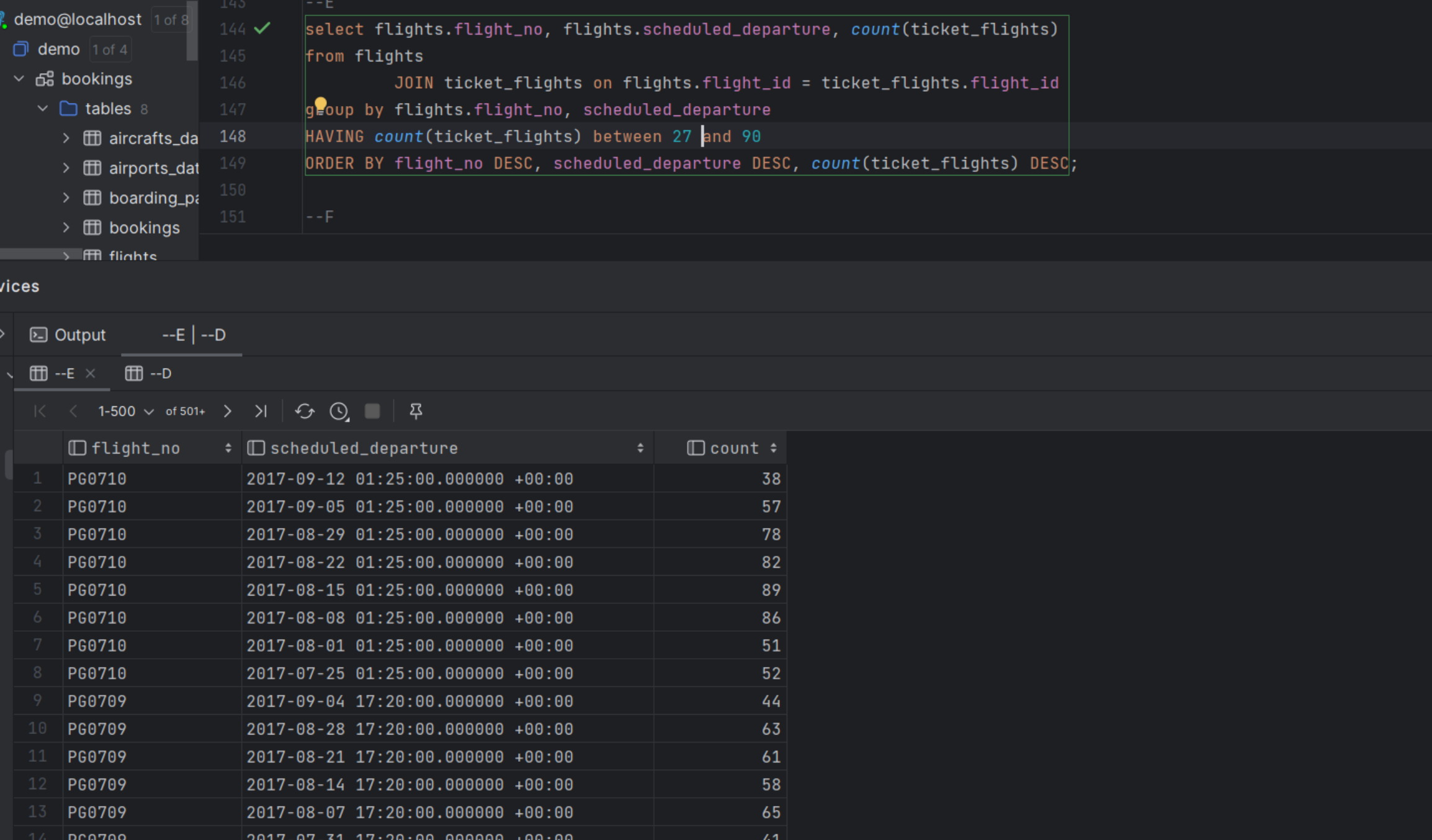
demo.bookings.airports_data | полная информация:text

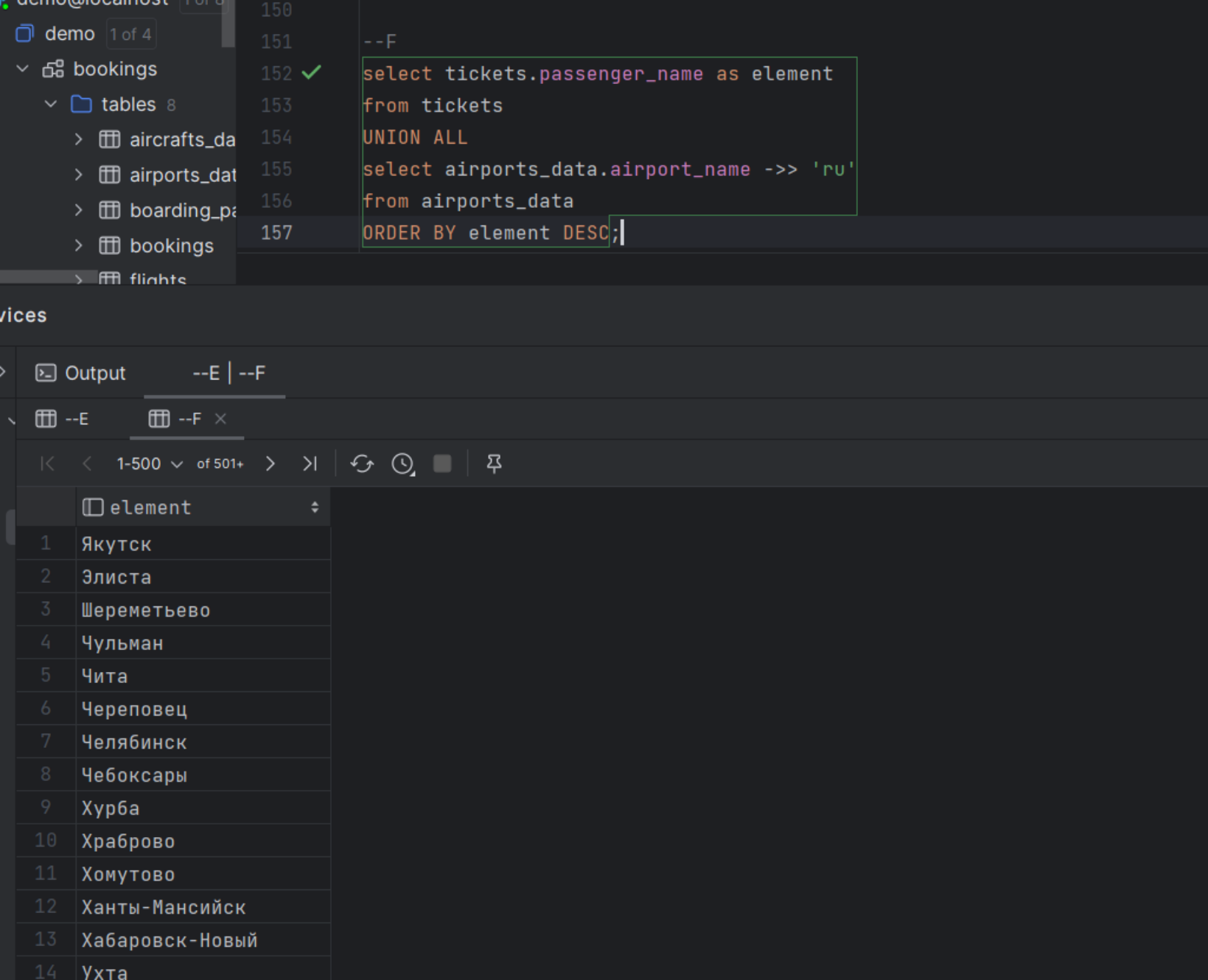
104 rows

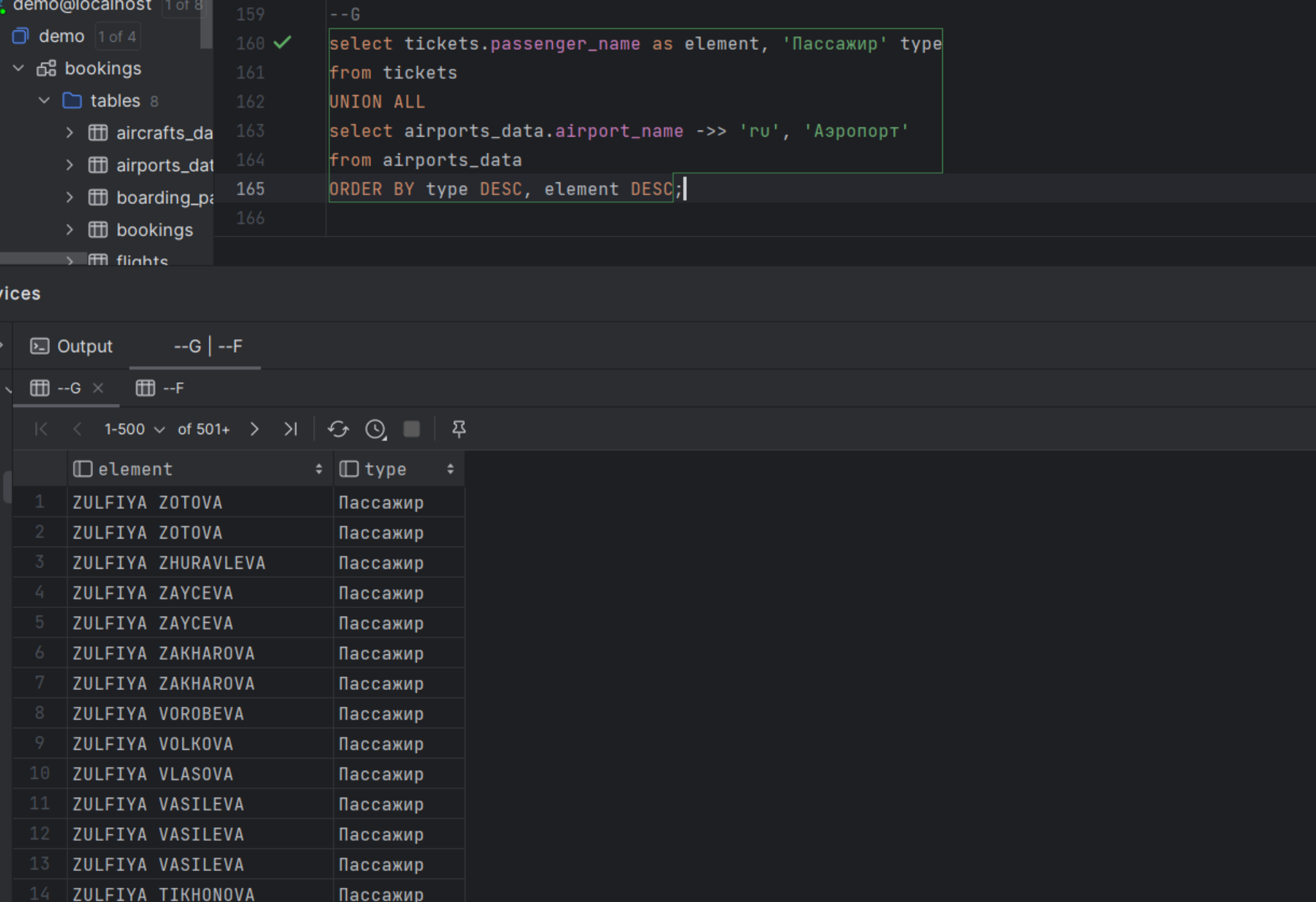
	"полная информация"
1	AAQ{"en": "Anapa", "ru": "Анапа"}(37.347301483154,45.002101898193)Europe/MoscowAAQ
2	ABA{"en": "Abakan", "ru": "Абакан"}(91.38500213623047,53.7400016784668)Asia/KrasnoyarskABA
3	AER{"en": "Sochi", "ru": "Сочи"}(39.956600189209,43.449901580811)Europe/MoscowAER
4	ARH{"en": "Arkhangelsk", "ru": "Архангельск"}(40.71670150756836,64.60030364990234)Europe/MoscowARH
5	ASF{"en": "Astrakhan", "ru": "Астрахань"}(48.0063018799,46.2832984924)Europe/SamaraASF
6	BAX{"en": "Barnaul", "ru": "Барнаул"}(83.53849792480469,53.363800048828125)Asia/KrasnoyarskBAX
7	BQS{"en": "Blagoveschensk", "ru": "Благовещенск"}(127.41200256347656,50.42539978027344)Asia/YakutskBQS
8	BTK{"en": "Bratsk", "ru": "Братск"}(101.697998046875,56.370601654052734)Asia/IrkutskBTK
9	BZK{"en": "Bryansk", "ru": "Брянск"}(34.176399231,53.214199066199996)Europe/MoscowBZK
10	CEE{"en": "Cherepovets", "ru": "Череповец"}(38.015800476100004,59.273601532)Europe/MoscowCEE
11	CEK{"en": "Chelyabinsk", "ru": "Челябинск"}(61.5033,55.305801)Asia/YekaterinburgCEK
12	CNN{"en": "Neryungri", "ru": "Нерюнгри"}(124.91400146484,56.913898468018)Asia/YakutskCNN
13	CSY{"en": "Cheboksary", "ru": "Чебоксары"}(47.3473014831543,56.090301513671875)Europe/MoscowCSY
14	DME{"en": "Moscow", "ru": "Москва"}(37.90629959106445,55.40879821777344)Europe/MoscowDME


demo@localhost 1 of 8
demo 1 of 4
bookings
tables 8
aircrafts_da
airports_dat
boarding_pa
bookings
flights
127 --C
128 select airports_data.airport_name ->> 'ru', count(*)
129 from flights
130 join airports_data on airport_code = departure_airport
131 where flights.departure_airport in ('KZN', 'DME', 'OVB', 'IKT', 'LED', 'SVO')
132 group by airports_data.airport_name
133 ORDER BY count(*) Desc;
134
135 --D
ces
Output --A | --C
--A
--C
6 rows
?column? count
1 Домодедово 3217
2 Шереметьево 2981
3 Пулково 1900
4 Толмачёво 1055
5 Казань 471
6 Иркутск 366

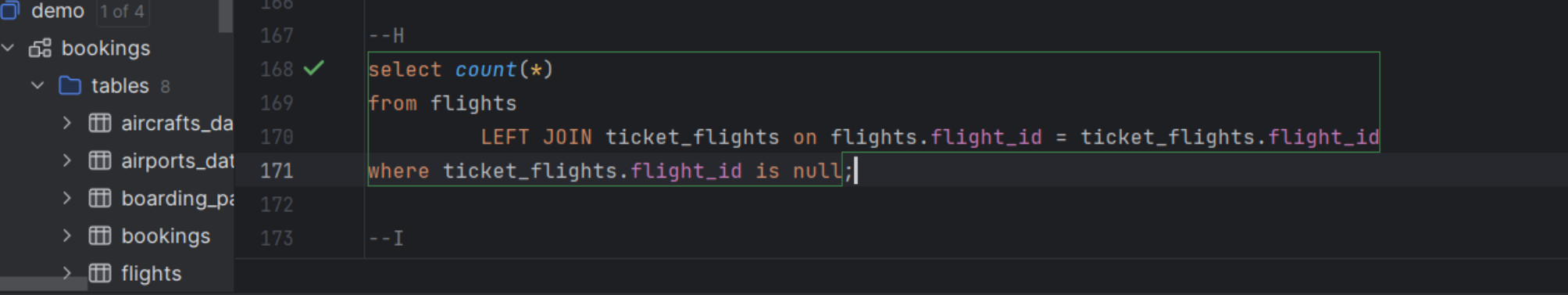

demo@localhost 1 of 8
demo 1 of 4
bookings
tables 8
aircrafts_da
airports_dat
boarding_pa
bookings
flights
--D
select airports_data.airport_name ->> 'ru', count(*)
from flights
join airports_data on airport_code = departure_airport
where flights.departure_airport not in ('KZN', 'DME', 'OVB', 'IKT', 'LED', 'SVO')
group by airports_data.airport_name
ORDER BY count(*);
Output
Result 9 | --D
Result 9
--D
98 rows
?column? count
1 Хурба 18
2 Усинск 18
3 Елизово 26
4 Полярный 27
5 Нягань 27
6 Иваново-Южный 34
7 Анадырь 36
8 Магадан 36
9 Липецк 43
10 Кызыл 43
11 Нефтеюганск 44
12 Белоярский 53
13 Стрежевой 61
14 Усть-Кут 61


demo@localhost 1 of 8
demo 1 of 4
bookings
tables 8
aircrafts_da
airports_dat
boarding_pa
bookings
flights
--E
select flights.flight_no, flights.scheduled_departure, count(ticket_flights)
from flights
JOIN ticket_flights on flights.flight_id = ticket_flights.flight_id
group by flights.flight_no, scheduled_departure
HAVING count(ticket_flights) between 27 and 90
ORDER BY flight_no DESC, scheduled_departure DESC, count(ticket_flights) DESC;
--F
vices
Output
--E | --D
--E
--D
1-500 of 501+
flight_no
scheduled_departure
count
1 PG0710 2017-09-12 01:25:00.000000 +00:00 38
2 PG0710 2017-09-05 01:25:00.000000 +00:00 57
3 PG0710 2017-08-29 01:25:00.000000 +00:00 78
4 PG0710 2017-08-22 01:25:00.000000 +00:00 82
5 PG0710 2017-08-15 01:25:00.000000 +00:00 89
6 PG0710 2017-08-08 01:25:00.000000 +00:00 86
7 PG0710 2017-08-01 01:25:00.000000 +00:00 51
8 PG0710 2017-07-25 01:25:00.000000 +00:00 52
9 PG0709 2017-09-04 17:20:00.000000 +00:00 44
10 PG0709 2017-08-28 17:20:00.000000 +00:00 63
11 PG0709 2017-08-21 17:20:00.000000 +00:00 61
12 PG0709 2017-08-14 17:20:00.000000 +00:00 58
13 PG0709 2017-08-07 17:20:00.000000 +00:00 65


demo 1 of 4
bookings
tables 8
aircrafts_da
airports_dat
boarding_pa
bookings
flights
150
151 --F
152 select tickets.passenger_name as element
153 from tickets
154 UNION ALL
155 select airports_data.airport_name ->> 'ru'
156 from airports_data
157 ORDER BY element DESC;
vices
Output --E | --F
--E
--F
1-500 of 501+
element
1 Якутск
2 Элиста
3 Шереметьево
4 Чульман
5 Чита
6 Череповец
7 Челябинск
8 Чебоксары
9 Хурба
10 Храброво
11 Хомутово
12 Ханты-Мансийск
13 Хабаровск-Новый
14 Ухта



	element	type
1	ZULFIYA ZOTOVA	Пассажир
2	ZULFIYA ZOTOVA	Пассажир
3	ZULFIYA ZHURAVLEVA	Пассажир
4	ZULFIYA ZAYCEVA	Пассажир
5	ZULFIYA ZAYCEVA	Пассажир
6	ZULFIYA ZAKHAROVA	Пассажир
7	ZULFIYA ZAKHAROVA	Пассажир
8	ZULFIYA VOROBEVA	Пассажир
9	ZULFIYA VOLKOVA	Пассажир
10	ZULFIYA VLASOVA	Пассажир
11	ZULFIYA VASILEVA	Пассажир
12	ZULFIYA VASILEVA	Пассажир
13	ZULFIYA VASILEVA	Пассажир
14	ZULFIYA TIKHONOVA	Пассажир



ces

Output --H | --C

--H --C

1 row

	count
1	10895

```
--I
select airport_name ->> 'ru' as airport_name,  22 s
           (
               Select AVG(param)
               FROM (
                   select count(seats) as param from seats
                   join aircrafts_data on seats.aircraft_code = aircrafts_data.aircraft_code
                   join flights on aircrafts_data.aircraft_code = flights.aircraft_code
                   join airports_data as air on flights.departure_airport = air.airport_code
                   where air.airport_code = airports_data.airport_code and (select extract(MONTH FROM scheduled_departure)) = 9
                   group by flight_id
               ) as alias
           ) as average_seats,
           (
               Select AVG(param)
               FROM (
                   select count(ticket_flights) as param from ticket_flights
                   join flights on ticket_flights.flight_id = flights.flight_id
                   join airports_data as air on flights.departure_airport = air.airport_code
                   where air.airport_code = airports_data.airport_code and (select extract(MONTH FROM scheduled_departure)) = 9
                   group by flights.flight_id
               ) as alias
           ) as average_tickets
    from airports_data
    group by airport_name ->> 'ru', airport_code
    order by average_seats desc, average_tickets desc;
```

demo@localhost 1 of 8
demo 1 of 4
bookings
tables 8
aircrafts_da
airports_dat

```
176  Select AVG(param)
177  FROM (
178      select count(seats) as param from seats
179      join aircrafts_data on seats.aircraft_code = aircrafts_data.aircraft_code
180      join flights on aircrafts_data.aircraft_code = flights.aircraft_code
```

average_seats

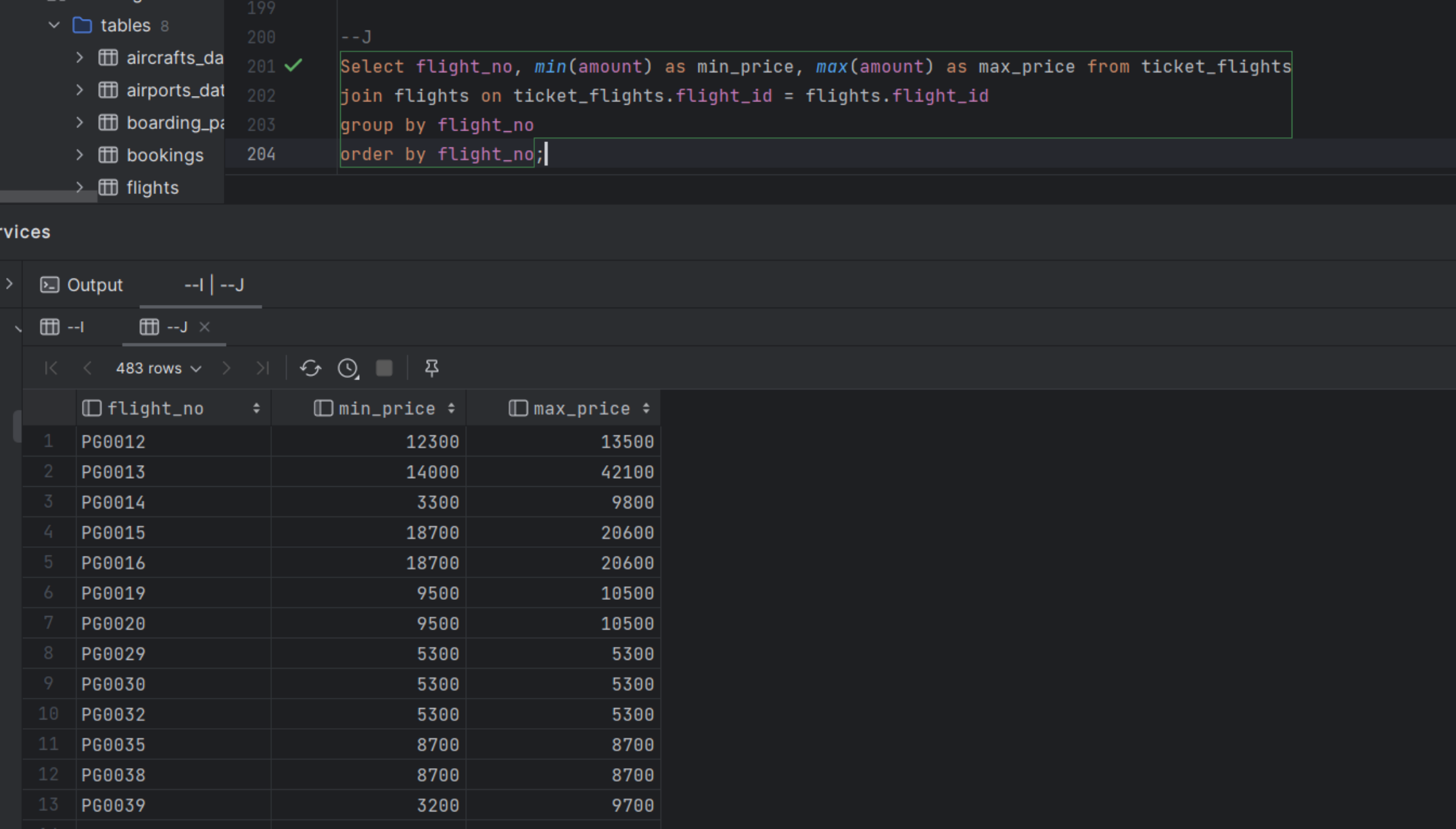
vices

Output --I | --H

--I --H

104 rows CSV

	airport_name	average_seats	average_tickets
1	Елизово	222	39
2	Хурба	222	9.5
3	Магадан	159.5	26.5
4	Краснодар	135.2592592592593	70.375
5	Владивосток	123.6341463414634146	18.4324324324324
6	Курумоч	121.3333333333333333	60.2142857142857143
7	Сочи	116.5671641791044776	64.3623188405797101
8	Анадырь	116	41.5
9	Братск	116	29
10	Витязево	114.6	48.6666666666666667
11	Баратаевка	110.7777777777777778	40.1290322580645161
12	Шереметьево	110.0058479532163743	24.1182795698924731
13	Минеральные Воды	107.9166666666666667	33.5853658536585366
14	Кольцово	107.9113924050632911	45.3854166666666667
15	Пермь	107.8169014084507042	41.6956521739130435
16	Пулково	107.1192660550458716	26.5486111111111111
17	Хабаровск-Новый	106.5217391304347826	39.3066666666666667


tables 8
aircrafts_da
airports_dat
boarding_pa
bookings
flights
199
200 --J
201 Select flight_no, min(amount) as min_price, max(amount) as max_price from ticket_flights
202 join flights on ticket_flights.flight_id = flights.flight_id
203 group by flight_no
204 order by flight_no;
rvices
Output --I | --J
--I
--J
483 rows
flight_no
min_price
max_price
1 PG0012 12300 13500
2 PG0013 14000 42100
3 PG0014 3300 9800
4 PG0015 18700 20600
5 PG0016 18700 20600
6 PG0019 9500 10500
7 PG0020 9500 10500
8 PG0029 5300 5300
9 PG0030 5300 5300
10 PG0032 5300 5300
11 PG0035 8700 8700
12 PG0038 8700 8700
13 PG0039 3200 9700