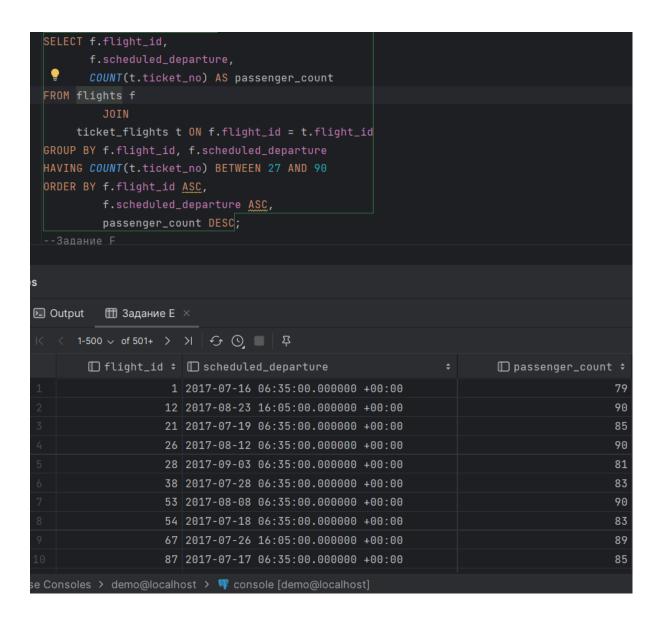


```
-- Задание D

∨ SELECT departure_airport, COUNT(*) AS flight_count

   WHERE flights.departure_airport not IN ('KZN', 'DME', 'OVB', 'IKT', 'LED', 'SVO')
   GROUP BY departure_airport
   ORDER BY flight_count ASC;
ices
  |< < 98 rows > >| 分 🔾 | 日
    ☐ departure_airport ÷
                                   □ flight_count ÷
                                                 18
  3 PKC
  4 PYJ
  5 NYA
  7 DYR
 10 LPK
 11 NFG
 12 EYK
 14 BTK
 15 | IJK
ase Consoles > demo@localhost > 📭 console [demo@localhost]
```



```
FROM tickets t
         ticket_flights tf ON t.ticket_no = tf.ticket_no
         flights f ON tf.flight_id = f.flight_id
         airports_data a ON f.departure_airport = a.airport_code
rvices
□ passenger_name
   1 ZULFIYA ZOTOVA
   2 ZULFIYA ZOTOVA
   3 ZULFIYA ZOTOVA
   4 ZULFIYA ZOTOVA
   6 ZULFIYA ZOTOVA
                            {"en": "Pobedilovo Airport", "ru": "Победилово"}
    9 ZULFIYA ZHURAVLEVA
   10 ZULFIYA ZHURAVLEVA
```

```
select passenger_name as info, 'passenger' as type
     f⊫om tickets
     select airport_name ->> 'ru', 'airport' as type
     from airports_data
     order by info, type desc;
     SELECT COUNT(f.flight_id)
     FROM flights f
             LEFT JOIN
rvices
             Ш Задание G ×
   Output
   □ info
                             1 ADELINA AFANASEVA
                               passenger
    2 ADELINA AKIMOVA
                               passenger
      ADELINA ALEKSANDROVA
                               passenger
    4 ADELINA ALEKSEEVA
                               passenger
      ADELINA ANDREEVA
                               passenger
    6 ADELINA BELYAEVA
                               passenger
      ADELINA CHERNOVA
                               passenger
    8 ADELINA DENISOVA
                               passenger
      ADELINA EGOROVA
                               passenger
    10 ADELINA ERMAKOVA
                               passenger
```

```
SELECT flights.departure_airport,
        AVG(s.seats_count) AS capacity,
        AVG(tf.tickets_count) AS tickets
 FROM flights
          JOIN (SELECT aircraft_code, count(*) AS seats_count
                FROM seats
                GROUP BY aircraft_code) as s
               ON flights.aircraft_code = s.aircraft_code
          LEFT JOIN (SELECT flight_id, COUNT(*) AS tickets_count
                     FROM ticket_flights
                     GROUP BY flight_id) AS tf ON flights.flight_id = tf.flight_id
 WHERE extract(MONTH FROM flights.scheduled_departure) = 8
 GROUP BY flights.departure_airport
 ORDER BY capacity DESC, tickets DESC;
Output
          ∰ Задание I ×
< 104 rows 🗸 > > | 😏 🔾 🔲 📮
                                                                       ☐ tickets ÷
   ☐ departure_airport
                                            ☐ capacity ≎
   РКС
                                                      222
                                                               68.2307692307692308
                                                      222
                                                               28.7777777777777
                                     162.7894736842105263
                                                                              29.5
   KRR
                                                   135.05
                                                              117.81333333333333333
   VVO
                                                      123
                                                               41.5217391304347826
   KUF
                                     121.3333333333333333
                                                              129.2258064516129032
                                                              110.8941798941798942
   AER
                                     116.6824324324324324
                                                             58.7096774193548387
   втк
                                                      116
e Consoles > demo@localhost > 🌹 console [demo@localhost]
```

```
- 🛂 адание Ј
 select flight_no, max(amount), min(amount)
 from flights
          join ticket_flights t on flights.flight_id = t.flight_id
 group by flight_no;
< 483 rows ∨ > > │ ← 🐧 🔲 📮
                        □ max ÷

☐ flight_no

                                    ☐ min ÷
   PG0012
                           13500
                                       12300
   PG0013
                           42100
                                       14000
   PG0014
                            9800
                                       3300
   PG0015
                           20600
                                       18700
   PG0016
                           20600
                                       18700
   PG0019
                           10500
                                       9500
   PG0020
                           10500
                                       9500
   PG0029
                            5300
                                       5300
se Consoles > demo@localhost > 🌹 console [demo@localhost]
```