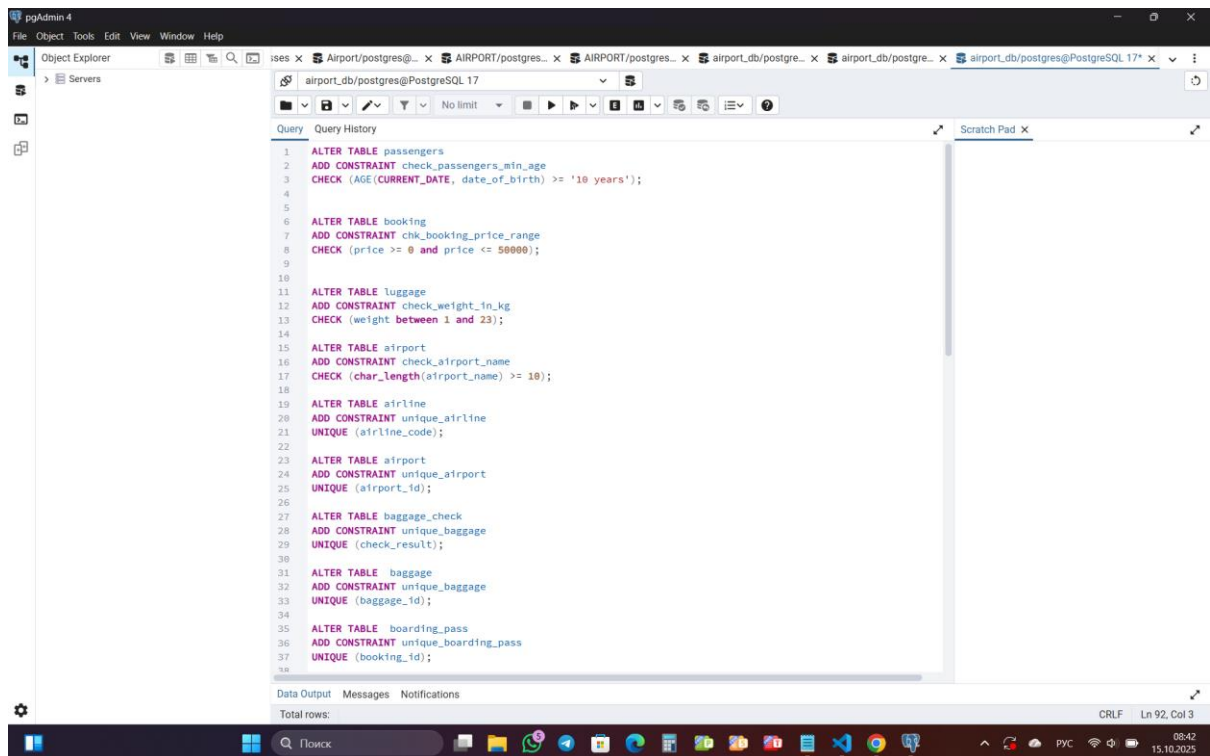


LAB WORK 5. Nurlan Olzhas



pgAdmin 4

Object Explorer

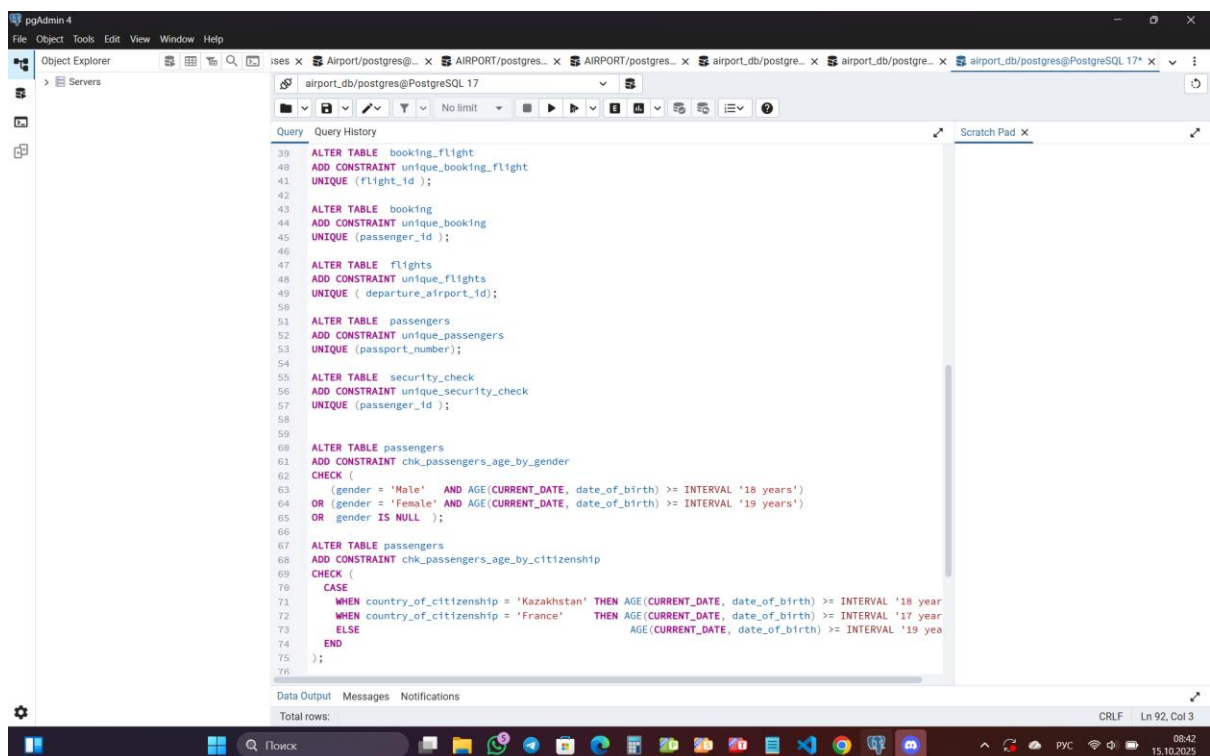
Servers

Query

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT check_passengers_min_age
3 CHECK (AGE(CURRENT_DATE, date_of_birth) >= '10 years');
4
5
6 ALTER TABLE booking
7 ADD CONSTRAINT chk_booking_price_range
8 CHECK (price >= 0 and price <= 50000);
9
10
11 ALTER TABLE luggage
12 ADD CONSTRAINT check_weight_tn_kg
13 CHECK (weight between 1 and 23);
14
15 ALTER TABLE airport
16 ADD CONSTRAINT check_airport_name
17 CHECK (char_length(airport_name) >= 10);
18
19 ALTER TABLE airline
20 ADD CONSTRAINT unique_airline
21 UNIQUE (airline_code);
22
23 ALTER TABLE airport
24 ADD CONSTRAINT unique_airport
25 UNIQUE (airport_id);
26
27 ALTER TABLE baggage_check
28 ADD CONSTRAINT unique_baggage
29 UNIQUE (check_result);
30
31 ALTER TABLE baggage
32 ADD CONSTRAINT unique_baggage
33 UNIQUE (baggage_id);
34
35 ALTER TABLE boarding_pass
36 ADD CONSTRAINT unique_boarding_pass
37 UNIQUE (booking_id);
38
```

Data Output Messages Notifications

Total rows: CRLF Ln 92, Col 3



pgAdmin 4

Object Explorer

Servers

Query

```
39 ALTER TABLE booking_flight
40 ADD CONSTRAINT unique_booking_flight
41 UNIQUE (flight_id);
42
43 ALTER TABLE booking
44 ADD CONSTRAINT unique_booking
45 UNIQUE (passenger_id);
46
47 ALTER TABLE flights
48 ADD CONSTRAINT unique_flights
49 UNIQUE (departure_airport_id);
50
51 ALTER TABLE passengers
52 ADD CONSTRAINT unique_passengers
53 UNIQUE (passport_number);
54
55 ALTER TABLE security_check
56 ADD CONSTRAINT unique_security_check
57 UNIQUE (passenger_id);
58
59
60 ALTER TABLE passengers
61 ADD CONSTRAINT chk_passengers_age_by_gender
62 CHECK (
63 (gender = 'Male' AND AGE(CURRENT_DATE, date_of_birth) >= INTERVAL '18 years')
64 OR (gender = 'Female' AND AGE(CURRENT_DATE, date_of_birth) >= INTERVAL '19 years')
65 OR gender IS NULL);
66
67 ALTER TABLE passengers
68 ADD CONSTRAINT chk_passengers_age_by_citizenship
69 CHECK (
70 CASE
71 WHEN country_of_citizenship = 'Kazakhstan' THEN AGE(CURRENT_DATE, date_of_birth) >= INTERVAL '18 year
72 WHEN country_of_citizenship = 'France' THEN AGE(CURRENT_DATE, date_of_birth) >= INTERVAL '17 year
73 ELSE
74 AGE(CURRENT_DATE, date_of_birth) >= INTERVAL '19 year
75 );
76
```

Data Output Messages Notifications

Total rows: CRLF Ln 92, Col 3

