

```
1 --1
2
3 BEGIN;
4 DELETE FROM booking
5 WHERE booking_id=202;
6 COMMIT ;
7 ROLLBACK;
8
9 SELECT * FROM booking;
10
11 --2
12
13 BEGIN;
14 UPDATE flights
15 SET sch_departure_time='2024-03-04 14:30:00'
16 WHERE flight_id=1;
17 COMMIT;
18
19 SELECT flights.flight_id,sch_departure_time FROM flights;
20
21 --3
22
23 BEGIN;
24 UPDATE booking
25 SET ticket_price=ticket_price*0.9
26 WHERE flight_id=1;
27 COMMIT;
```

Services



Database

Database Consoles > postgres@localhost > console_9

Output postgres.public.passengers

79:7 CRLF UTF-8 4 spaces ↻

```
1 --4
2
3 BEGIN;
4 UPDATE passengers
5 SET first_name = 'Aru', last_name='Khan'
6 WHERE passenger_id = 13;
7 COMMIT;
8
9 SELECT * FROM passengers;
10
11 --5
12
13 BEGIN;
14 INSERT INTO passengers(first_name,last_name,date_of_birth,gender,country_of_citizenship,country_of_residence,passport_number)
15 VALUES ('first_name 'Aruhan', last_name 'Samat', date_of_birth '2005-08-12', gender 'Female', country_of_citizenship 'Kazakhstan', country_of_residence 'Kazakhstan', passport_number 'PKZ'
16 INSERT INTO booking(flight_id,passenger_id,booking.platform,status,ticket.price)
17 VALUES (flight_id 20, (SELECT passenger_id FROM passengers ORDER BY passenger_id DESC LIMIT 1), booking.platform 'Mobile', status 'Confirmed', ticket_price 45000);
18 COMMIT;
19
20
21 --6
22
23 BEGIN;
24 UPDATE booking
25 SET ticket_price=ticket_price+5000
26 WHERE flight_id=20;
27 COMMIT;
```

Services



Database

Database Consoles > postgres@localhost > console_9

Output postgres.public.passengers

12:1 CRLF UTF-8 4 spaces ↻

The screenshot shows a terminal window with multiple tabs open, all connected to the same PostgreSQL database named 'postgres.public'. The current tab, 'console_9', contains the following SQL code:

```
58 COMMIT;
59
60 --7
61
62 BEGIN;
63 UPDATE baggage
64 SET weight_in_kg = 28.5
65 WHERE baggage_id = 30;
66 COMMIT;
67
68 --8
69
70 BEGIN;
71 UPDATE booking
72 SET ticket_price = ticket_price * 0.90
73 WHERE passenger_id = 50 AND booking_id = 80;
74 COMMIT;
75
76 --9
77
78 BEGIN;
79 UPDATE booking
80 SET flight_id = 22
81 WHERE flight_id = 20;
82 COMMIT;
```

The code consists of three transactions labeled --7, --8, and --9. Transaction --7 updates a row in the 'baggage' table. Transaction --8 updates a row in the 'booking' table. Transaction --9 updates a row in the 'booking' table again. Each transaction begins with a BEGIN statement and ends with a COMMIT statement.

Below the code editor, there is a 'Services' section which is currently empty. To the right of the code editor is a 'Files' sidebar showing a file tree. The root directory 'studying' contains several subfolders and files, including '.vscode', 'ads', 'calculus', 'databases', 'ict', 'Lab 8', 'unity', 'коды', 'сертификаты', 'чиq', 'Adobe AIR', 'DataGrip', 'dbase.dmp', 'Goodnotes', 'Unity Hub', 'Unity 60', 'Visual Studio', and 'результаты'. There is also a 'Scratches' folder.