

practice1 Version control

Database Explorer

- postgres@localhost
  - tables 12
    - airline
      - columns 7
        - airport\_id integer = nextval('airport\_id')
        - airport\_name varchar(50)
        - country varchar(50)
        - state varchar(50)
        - city varchar(50)
        - created\_at timestamp = CURRENT\_TIMESTAMP
        - updated\_at timestamp = CURRENT\_TIMESTAMP
      - keys 1
      - indexes 1
      - triggers 1
    - baggage
      - columns 5
        - baggage\_id integer = nextval('baggage\_id')
        - weight\_in\_kg numeric(4,2)
        - created\_at timestamp = CURRENT\_TIMESTAMP
        - updated\_at timestamp = CURRENT\_TIMESTAMP
        - booking\_id integer
      - keys 1
      - foreign keys 1
      - indexes 1
      - triggers 1
    - baggage\_check
    - boarding\_pass
    - booking
    - booking\_flight

ex1.sql

```
346 SELECT flight_id,
347 FROM flights
348 WHERE act_arrival_time > sch_arrival_time;
349
350 --ex7
351 SELECT first_name,
352 CASE
353     WHEN YEAR(CURDATE()) - YEAR(date_of_birth) BETWEEN 18 AND 35 THEN 'Young'
354     WHEN YEAR(CURDATE()) - YEAR(date_of_birth) BETWEEN 36 AND 55 THEN 'Adult'
355     ELSE 'Other'
356 END AS age_group
357 FROM passengers;
358
359 --ex8
360 SELECT ticket_price,
361 CASE
362     WHEN ticket_price < 100 THEN 'Cheap'
363     WHEN ticket_price BETWEEN 100 AND 500 THEN 'Medium'
364     ELSE 'Expensive'
365 END AS price_category
366 FROM ticket;
367
368 --ex9
369 SELECT airline_country, COUNT(airline_name) AS number_of_airlines
370 FROM airline
371 GROUP BY airline_country;
372
373 --ex10
374 SELECT flight_id, act_arrival_time, sch_arrival_time
375 FROM flights
376 WHERE act_arrival_time > sch_arrival_time;
377
378
```

Services Database

practice1 > ex1.sql

367:1 LF UTF-8 4 spaces

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ex1.sql

```
320 FROM passengers;
321
322 --ex1
323 SELECT UPPER(airline_name) AS airline_name_upper FROM airline;
324
325 --ex2
326 SELECT REPLACE(airline_name, 'Air', 'Aero') AS updated_airline_name FROM airline;
327
328 --ex3
329 SELECT flight_id
330 FROM flights
331 WHERE airline_id IN (1, 2);
332
333 --ex4
334 SELECT airport_name
335 FROM airport
336 WHERE airport_name LIKE '%Regional%' AND airport_name LIKE '%Air%';
337
338 --ex5
339 SELECT first_name, DATE_FORMAT(date_of_birth, '%M %d, %Y') AS formatted_birth_date
340 FROM passengers;
341
342 --ex6
343 SELECT flight_id
344 FROM flights
345 WHERE act_arrival_time > sch_arrival_time;
346
347 --ex7
348 SELECT first_name,
349 CASE
350     WHEN YEAR(CURDATE()) - YEAR(date_of_birth) BETWEEN 18 AND 35 THEN 'Young'
351     WHEN YEAR(CURDATE()) - YEAR(date_of_birth) BETWEEN 36 AND 55 THEN 'Adult'
352     ELSE 'Other'
353 END AS age_group
354 FROM passengers;
355
```

Services Database

practice1 > ex1.sql

328:85 (81 chars) LF UTF-8 4 spaces