```sql
--1 task

SELECT UPPER(airline_name) FROM airline;

SELECT UPPER(airline_country) FROM airline;


--2 task

UPDATE airline SET airline_name = REPLACE(airline_name, 'Air', 'Aero');


--3 task

SELECT flight_no FROM flights WHERE airline_id in (1,2) GROUP BY flight_no HAVING COUNT(DISTINCT
airline_id) = 2;


--4 task

SELECT * FROM airport WHERE airport_name ILIKE '%Regional%'AND  airport_name ILIKE '%Air%';


--5 task

SELECT FORMAT('%s, %s', first_name, last_name) AS full_name, TO_CHAR(date_of_birth, 'Month DD
YYYY') AS birth FROM passengers;


--6 task

SELECT * FROM flights WHERE scheduled_arrival != actual_arrival;


--7 task

SELECT FORMAT('%s , %s' ,first_name, last_name) AS full_name, CASE

WHEN EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) BETWEEN 18 AND 35 THEN 'Young'

WHEN EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) BETWEEN 36 AND 55 THEN 'Adult'

ELSE 'Other'

END AS AGE

FROM passengers;


--8 task

SELECT price, CASE

WHEN price BETWEEN 1000 AND 5000 THEN 'Medium'
```

WHEN price > 5000 THEN 'Expensive'

ELSE 'Cheap'

END AS category

FROM booking;

--9 task

SELECT airline_country, COUNT(airline_name) FROM airline GROUP BY airline_country;

--10 task

SELECT * FROM flights WHERE scheduled_arrival < actual_arrival;

```
1
2    --1 task
3    SELECT UPPER(airline_name) FROM airline;
4    SELECT UPPER(airline_country) FROM airline;
5
6    --2 task
7    UPDATE airline SET airline_name = REPLACE(airline_name, 'Air', 'Aero');
8
9    --3 task
10   SELECT flight_no FROM flights WHERE airline_id in (1,2) GROUP BY flight_no HAVING COUNT(DISTINCT airline_id) = 2;
11
12   --4 task
13   SELECT * FROM airport WHERE airport_name ILIKE '%Regional%'AND  airport_name ILIKE '%Air%';
14
15   --5 task
16   SELECT FORMAT('%s, %s', first_name, last_name) AS full_name, TO_CHAR(date_of_birth, 'Month DD YYYY') AS birth FROM passengers;
17
```

```
17
18   --6 task
19   SELECT * FROM flights WHERE scheduled_arrival != actual_arrival;
20
21   --7 task
22   SELECT FORMAT('%s , %s' ,first_name, last_name) AS full_name, CASE
23   WHEN EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) BETWEEN 18 AND 35 THEN 'Young'
24   WHEN EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) BETWEEN 36 AND 55 THEN 'Adult'
25   ELSE 'Other'
26   END AS AGE
27   FROM passengers;
28
29   --8 task
30   SELECT price, CASE
31   WHEN price BETWEEN 1000 AND 5000 THEN 'Medium'
32   WHEN price > 5000 THEN 'Expensive'
33   ELSE 'Cheap'
34   END AS category
35   FROM booking;
36
37   --9 task
38   SELECT airline_country, COUNT(airline_name) FROM airline GROUP BY airline_country;
39
40   --10 task
41   SELECT * FROM flights WHERE scheduled_arrival < actual_arrival;
42
```