Практическая работа 11

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Вариант 19

Задание 1:

SELECT a.aircraft\_code, a.model, s.seat\_no, s.fare\_conditions

FROM aircrafts\_data as a

JOIN seats as s ON s.aircraft\_code = a.aircraft\_code

а) WHERE a.model ->> 'en' = 'Boeing 777-300'

б) WHERE a.model ->> 'en' = 'Airbus A321-200'

Изображение выглядит как текст, снимок экрана, число, Шрифт

Автоматически созданное описание

Изображение выглядит как текст, снимок экрана, число, Шрифт

Автоматически созданное описание

Задание 2:

а )

SELECT a.aircraft\_code, a.model, s.seat\_no, s.fare\_conditions

FROM aircrafts\_data as a

JOIN seats as s ON s.aircraft\_code = a.aircraft\_code

WHERE RIGHT(a.model ->> 'en', 3) = '300'

Изображение выглядит как текст, снимок экрана, число, Шрифт

Автоматически созданное описание

б)

SELECT a.aircraft\_code, a.model, s.seat\_no, s.fare\_conditions

FROM aircrafts\_data as a, seats as s

WHERE s.aircraft\_code = a.aircraft\_code AND RIGHT(a.model ->> 'en', 3) = '300'

Изображение выглядит как текст, снимок экрана, число, Шрифт

Автоматически созданное описание

Задание 3

SELECT f.flight\_id, f.flight\_no, a.airport\_name as departure\_airport, a2.airport\_name as arrival\_airport, f.scheduled\_departure, f.scheduled\_arrival, f.actual\_departure, f.actual\_arrival, f.status

FROM flights as f

JOIN airports\_data as a ON f.departure\_airport = a.airport\_code

JOIN airports\_data as a2 ON f.arrival\_airport = a2.airport\_code

WHERE '30.07.2017' BETWEEN f.actual\_departure AND f.actual\_arrival

Изображение выглядит как текст, Шрифт, число, снимок экрана

Автоматически созданное описание

SELECT f.flight\_id, f.flight\_no, a.airport\_name as departure\_airport, a2.airport\_name as arrival\_airport, f.scheduled\_departure, f.scheduled\_arrival, f.actual\_departure, f.actual\_arrival, f.status

FROM flights as f

JOIN airports\_data as a ON f.departure\_airport = a.airport\_code

JOIN airports\_data as a2 ON f.arrival\_airport = a2.airport\_code

WHERE '30.07.2017' BETWEEN f.scheduled\_departure AND f.scheduled\_arrival

Изображение выглядит как текст, Шрифт, число, линия

Автоматически созданное описание

Задание 4:

SELECT t.\*, a.airport\_name as departure\_airport, a2.airport\_name as arrival\_airport, a2.city as arrival\_city, f.scheduled\_arrival - f.scheduled\_departure as time

FROM tickets as t

JOIN ticket\_flights as t\_f ON t.ticket\_no = t\_f.ticket\_no

JOIN flights as f ON t\_f.flight\_id = f.flight\_id

JOIN airports\_data as a ON f.departure\_airport = a.airport\_code

JOIN airports\_data as a2 ON f.arrival\_airport = a2.airport\_code

Изображение выглядит как текст, число, снимок экрана, Шрифт

Автоматически созданное описание

Задание 5:

SELECT \*

FROM flights as f

LEFT JOIN routes as t ON t.flight\_no = f.flight\_no

Изображение выглядит как текст, снимок экрана, число, Шрифт

Автоматически созданное описание

Задание 6:

CREATE VIEW passengers2017 AS

SELECT book\_date, tickets.\*

FROM tickets

NATURAL JOIN bookings

WHERE book\_date BETWEEN '2017-08-01' AND '2017-08-11' LIMIT 57

SELECT p1.ticket\_no AS ticket\_no\_1, p2.ticket\_no AS ticket\_no\_2

FROM passengers2017 p1

CROSS JOIN passengers2017 p2

WHERE p1.ticket\_no <> p2.ticket\_no AND ABS(CAST(RIGHT(p1.ticket\_no, 3) AS INTEGER) - CAST(RIGHT(p2.ticket\_no, 3) AS INTEGER)) <= 5;

