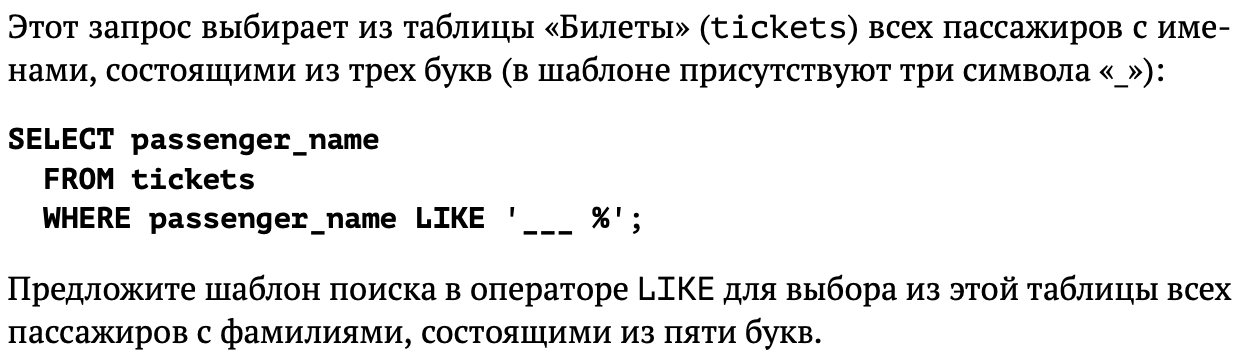
Домашняя работа №5

Попов Матвей, М8О-114СВ-24

# Задание 2



## Запрос

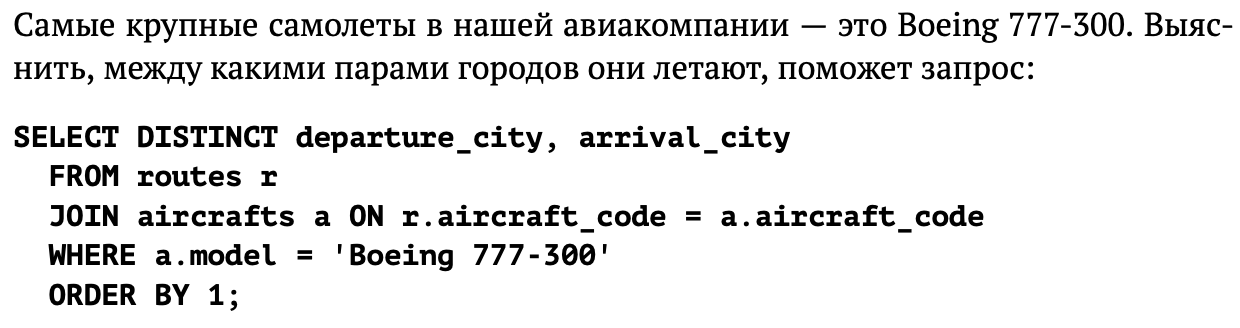
SELECT passenger\_name FROM tickets

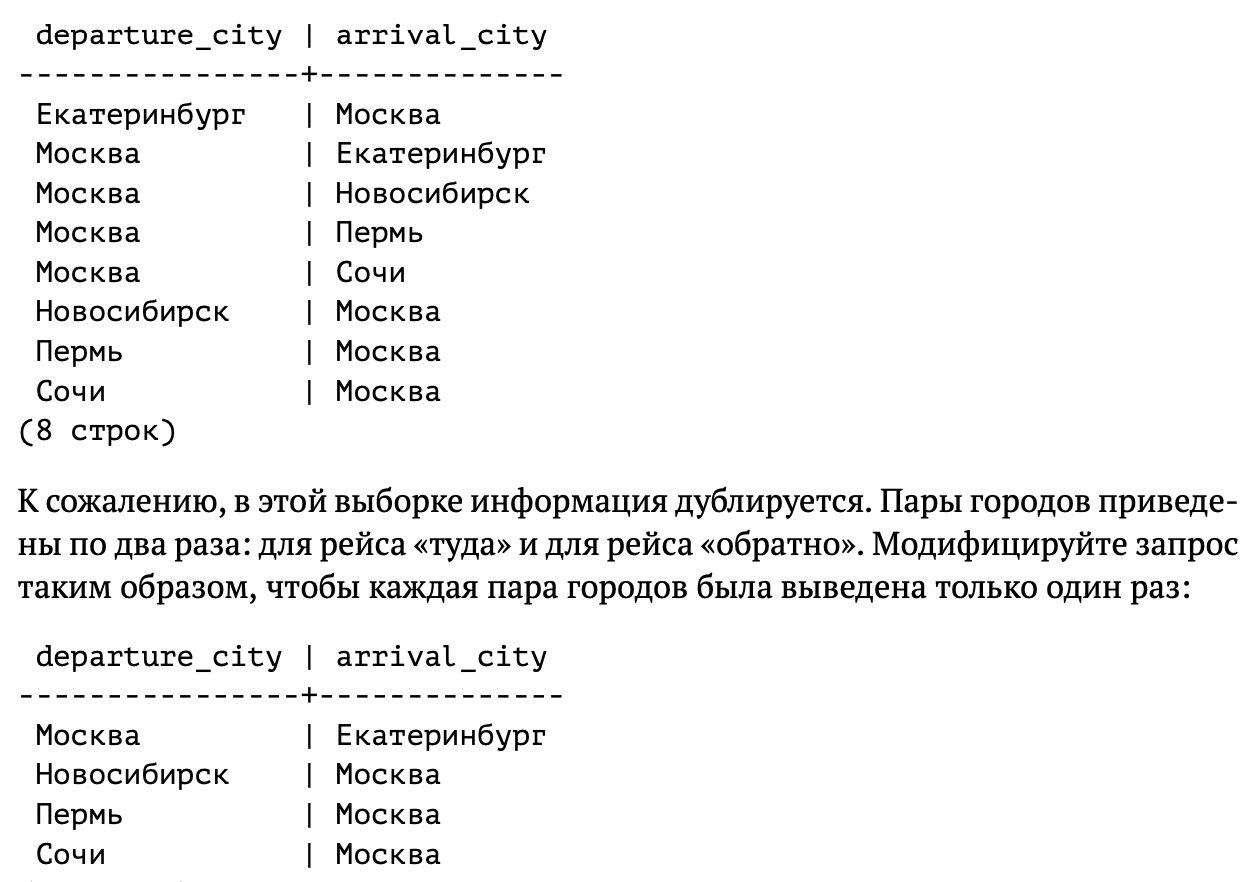
WHERE passenger\_name LIKE '% \_\_\_\_\_';

## Результат

С

# Задание 7





## Запрос

SELECT DISTINCT departure\_city, arrival\_city

FROM routes r

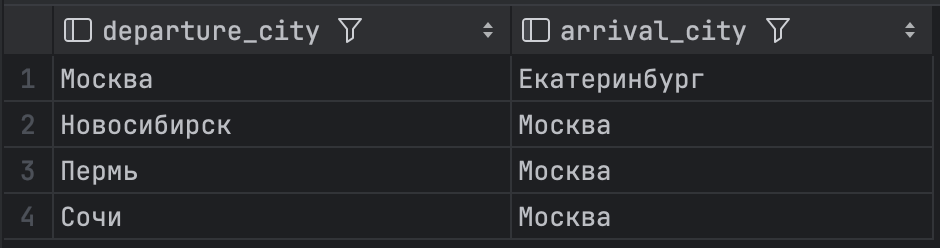
JOIN aircrafts a ON r.aircraft\_code = a.aircraft\_code

WHERE a.aircraft\_code = '773'

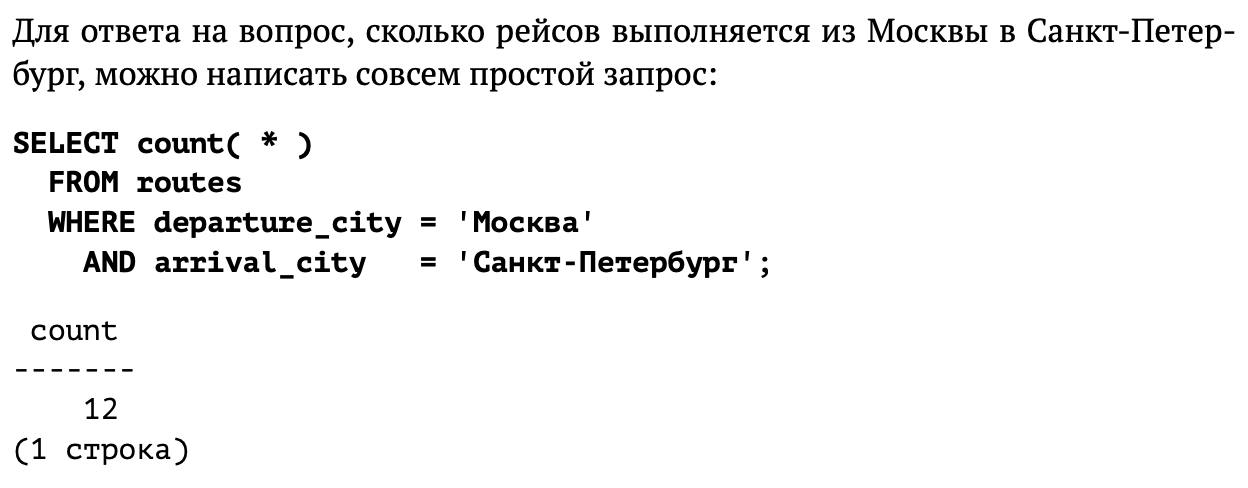
AND departure\_city > arrival\_city

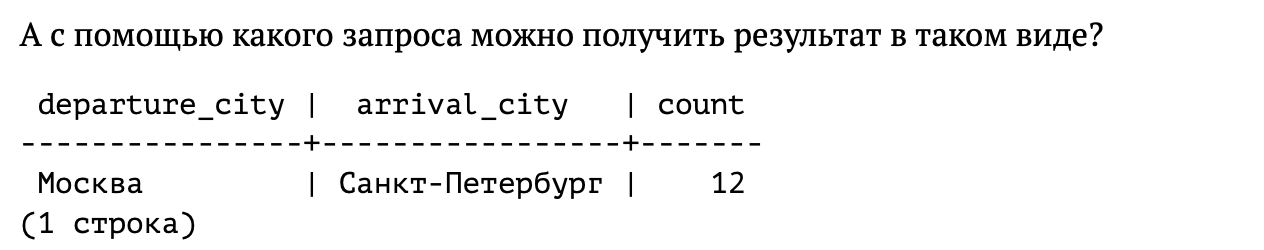
ORDER BY 1;

## Результат



# Задание 9





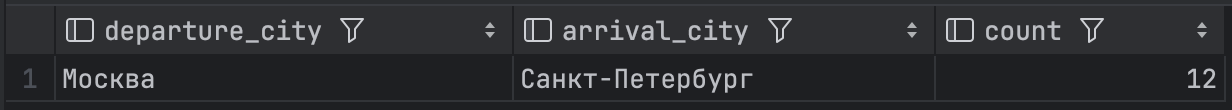
## Запрос

SELECT departure\_city, arrival\_city, COUNT(\*) FROM routes

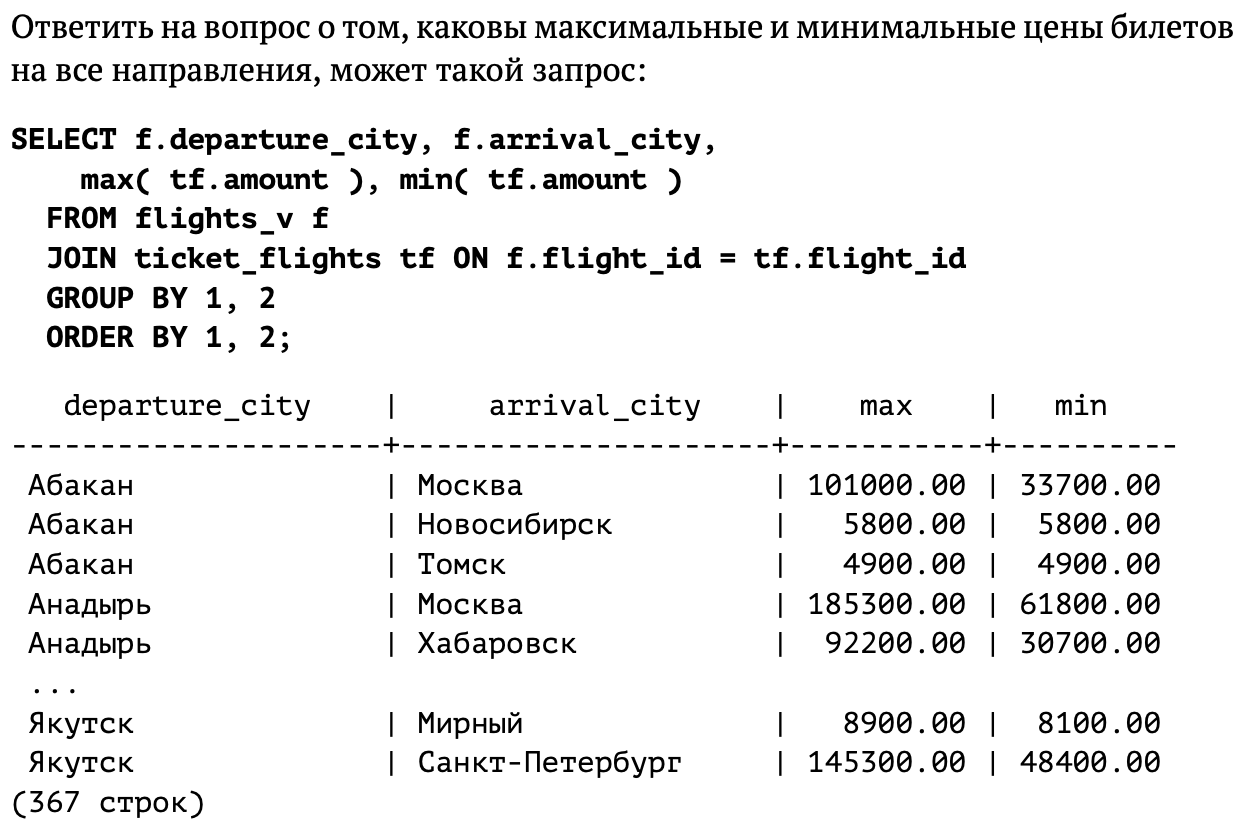
WHERE departure\_city = 'Москва' AND arrival\_city = 'Санкт-Петербург'

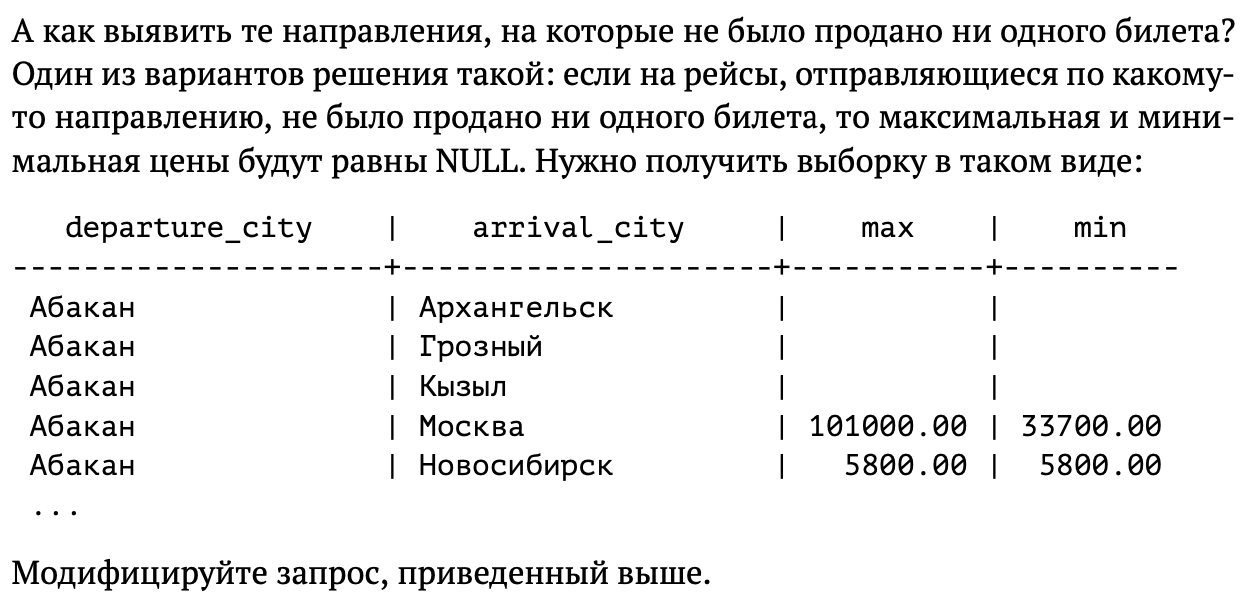
GROUP BY departure\_city, arrival\_city;

## Результат



# Задание 13





## Запрос

SELECT f.departure\_city, f.arrival\_city,

max( tf.amount ), min( tf.amount )

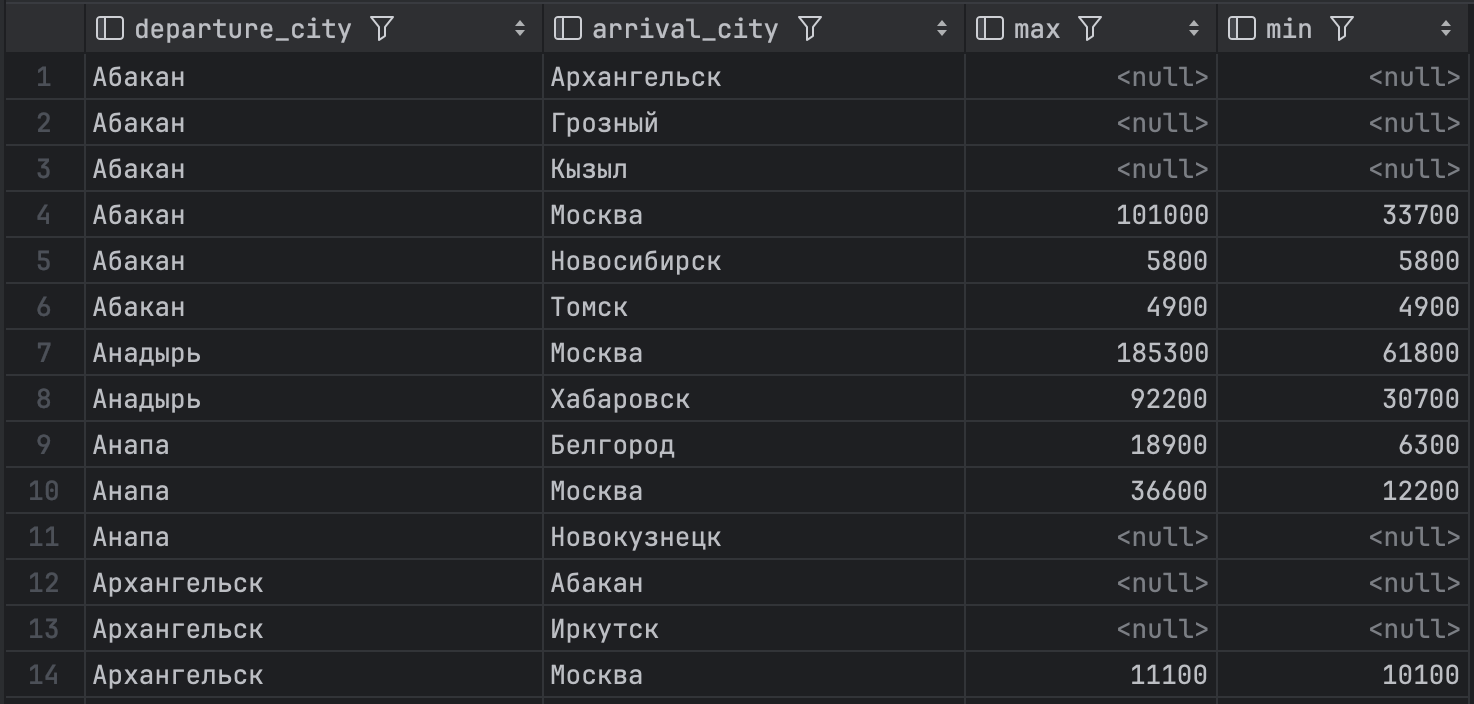
FROM flights\_v f

LEFT JOIN ticket\_flights tf ON f.flight\_id = tf.flight\_id

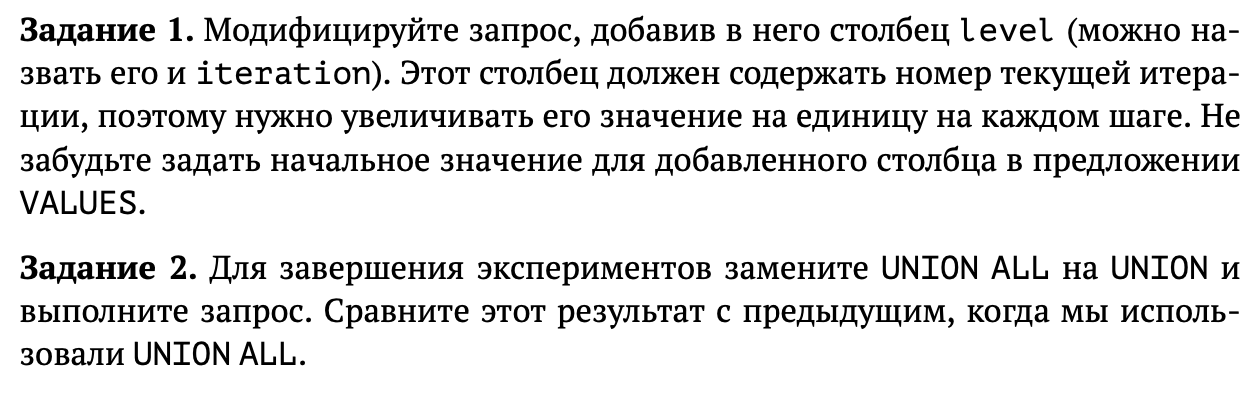
GROUP BY 1, 2

ORDER BY 1, 2;

## Результат



# Задание 19



## Запрос

WITH RECURSIVE ranges ( min\_sum, max\_sum, level )

AS (

VALUES( 0, 100000, 1 ),

( 100000, 200000, 2 ),

( 200000, 300000, 3 )

UNION ALL

SELECT min\_sum + 100000, max\_sum + 100000, level + 1

FROM ranges

WHERE max\_sum < ( SELECT max( total\_amount ) FROM bookings )

)

SELECT \* FROM ranges;

WITH RECURSIVE ranges ( min\_sum, max\_sum, level )

AS (

VALUES( 0, 100000, 1 ),

( 100000, 200000, 2 ),

( 200000, 300000, 3 )

UNION

SELECT min\_sum + 100000, max\_sum + 100000, level + 1

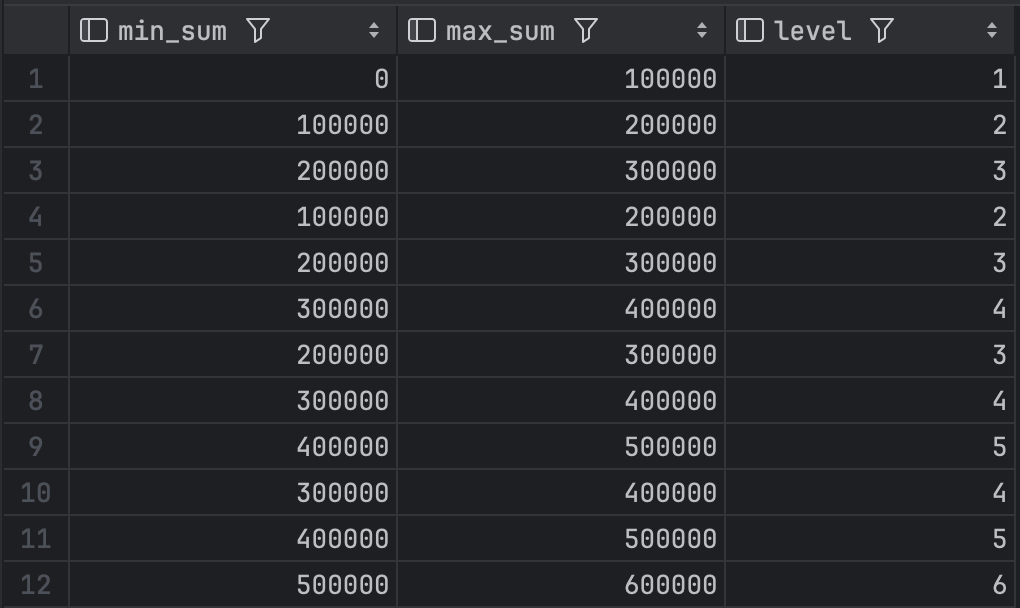
FROM ranges

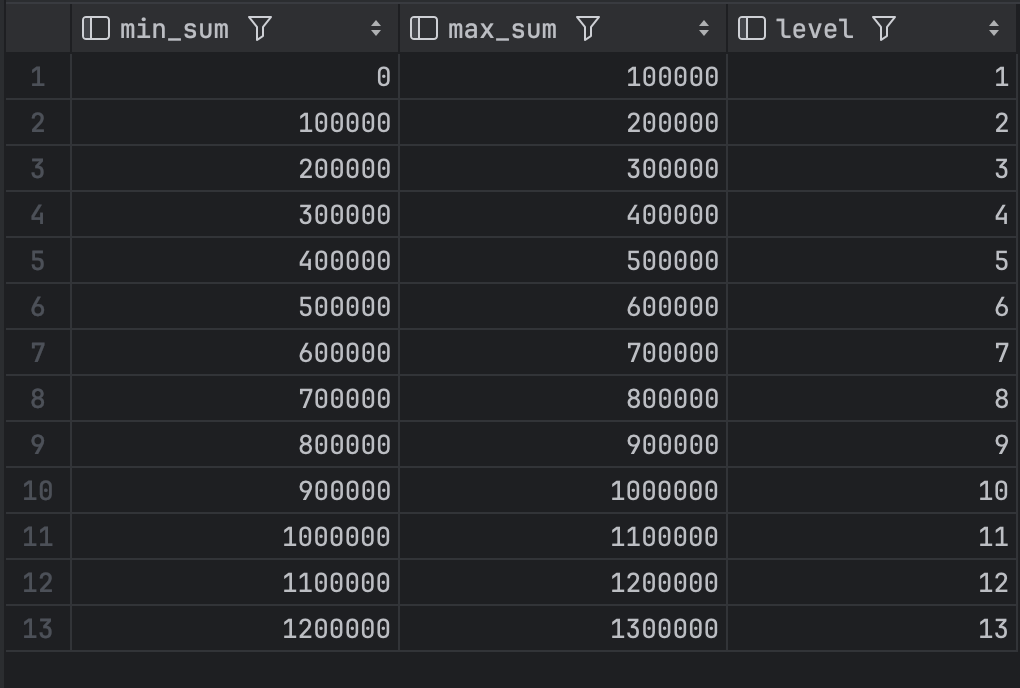
WHERE max\_sum < ( SELECT max( total\_amount ) FROM bookings )

)

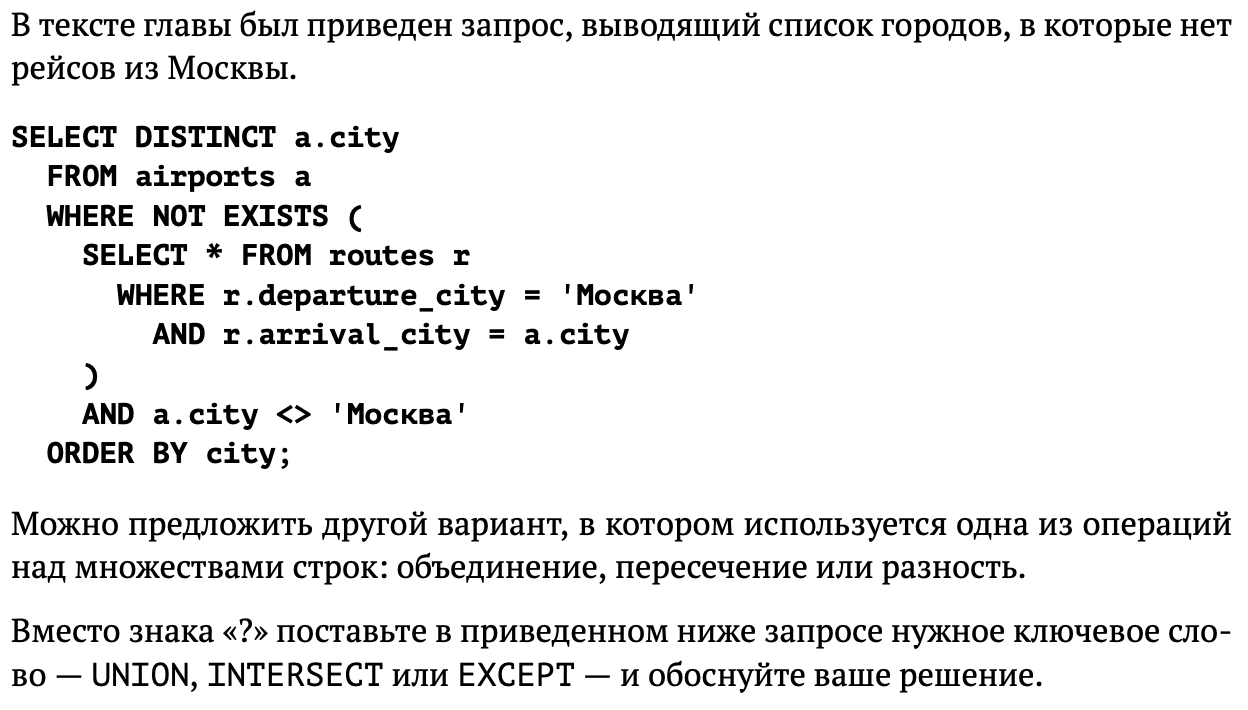
SELECT \* FROM ranges;

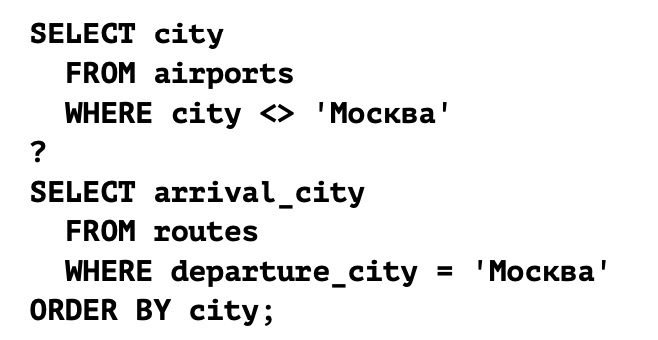
## Результат





# Задание 21





## Запрос

SELECT city

FROM airports

WHERE city <>'Москва'

EXCEPT

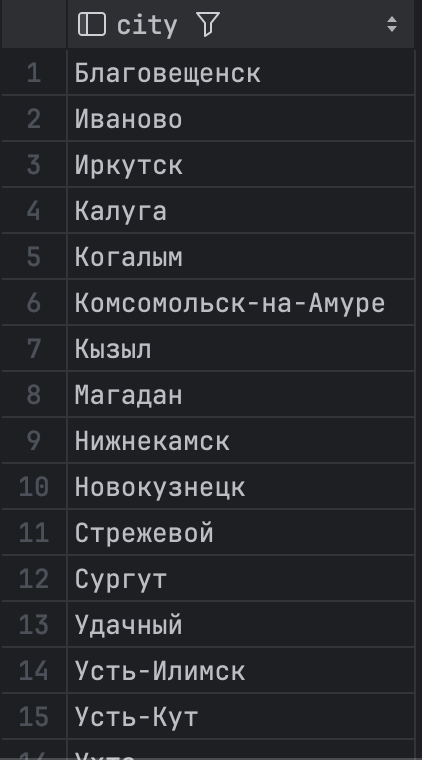
SELECT arrival\_city

FROM routes

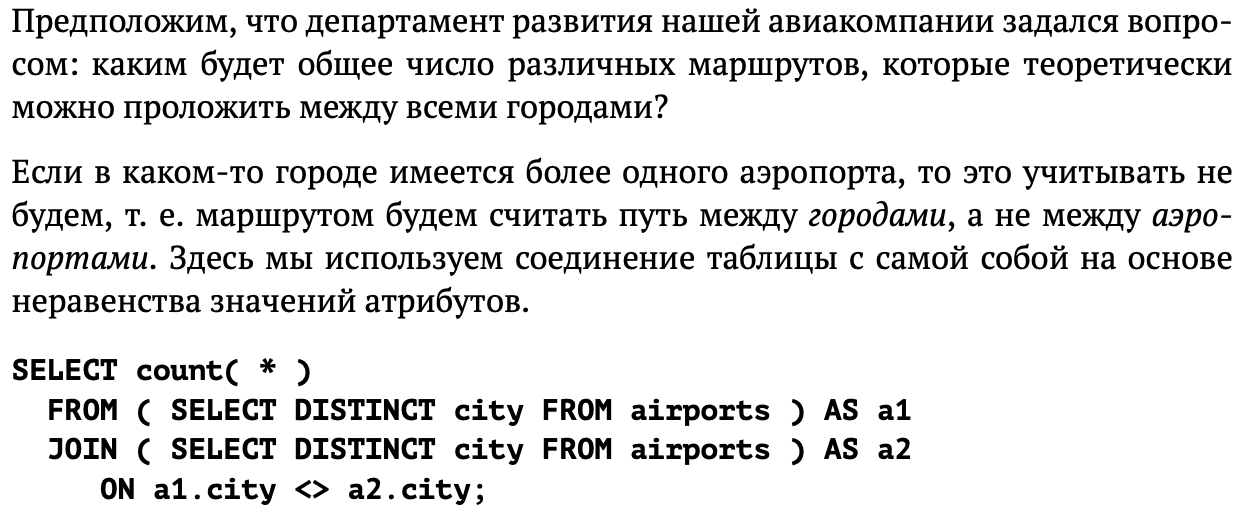
WHERE departure\_city ='Москва'

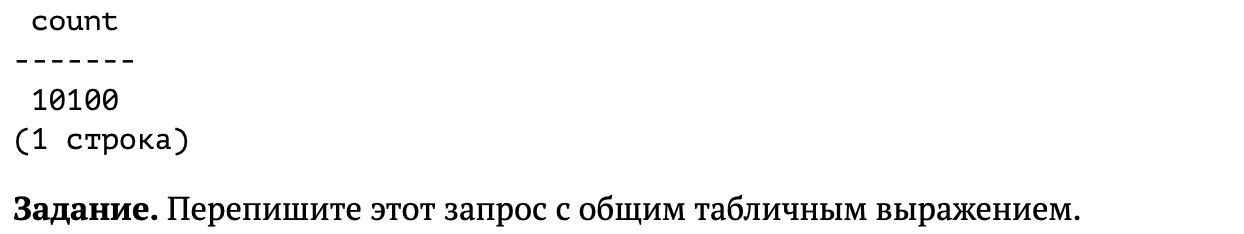
ORDER BY city;

## Результат



# Задание 23





## Запрос

WITH cities AS (

SELECT DISTINCT city FROM airports

)

SELECT count(\*)

FROM cities a1

JOIN cities a2 ON a1.city <> a2.city;

## Результат

