

Weather Observation Station X +

hackerrank.com/challenges/weather-observation-station-5/problem?isFullScreen=true

HackerRank Prepare > SQL > Basic Select Weather Observation Station 5

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Problem Submissions Leaderboard Discussions

Query the two cities in **STATION** with the shortest and longest CITY names, as well as their respective lengths (i.e.: number of characters in the name). If there is more than one smallest or largest city, choose the one that comes first when ordered alphabetically.

The **STATION** table is described as follows:

STATION

Field	Type
ID	NUMBER
CITY	VARCHAR2(21)
STATE	VARCHAR2(2)
LAT_N	NUMBER
LONG_W	NUMBER

where **LAT_N** is the northern latitude and **LONG_W** is the western longitude.

Sample Input

For example, **CITY** has four entries: **DEF**, **ABC**, **PQRS** and **WXY**.

Sample Output

```
ABC 3
PQRS 4
```

Explanation

DB2

1
2 /*
3 Enter your query here and follow these instructions:
4 1. Please append a semicolon ";" at the end of the query and
enter your query in a single line to avoid error.
5 2. The AS keyword causes errors, so follow this convention:
"Select t.Field From table1 t" instead of "select t.Field From table1
AS t"
6 3. Type your code immediately after comment. Don't leave any
blank line.
7 */

Line: 1 Col: 1

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STATE	VARCHAR2(2)
LAT_N	NUMBER
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where **LAT_N** is the northern latitude and **LONG_W** is the western longitude.

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AS t"
6 3. Type your code immediately after comment. Don't leave any
blank line.
7 */

Line: 1 Col: 1

Upload Code as File Run Code Submit Code

```
| 184 | HUMPHREY | GARLAND |           312 | 2020-07-30 18:07:51 |
| 185 | MICHAEL  | BOLGER   |           101 | 2020-07-30 18:07:51 |
| 186 | JULIA    | ZELLWEGER |           301 | 2020-07-30 18:07:51 |
| 187 | RENEE    | BALL     |           307 | 2020-07-30 18:07:51 |
| 188 | ROCK     | DUKAKIS  |           372 | 2020-07-30 18:07:51 |
| 189 | CUBA     | BIRCH    |           341 | 2020-07-30 18:07:51 |
| 190 | AUDREY   | BAILEY   |           263 | 2020-07-30 18:07:51 |
| 191 | GREGORY  | GOODING  |           339 | 2020-07-30 18:07:51 |
| 192 | JOHN     | SUAVARI  |           363 | 2020-07-30 18:07:51 |
| 193 | BURT     | TEMPLE   |           239 | 2020-07-30 18:07:51 |
| 194 | MERYL    | ALLEN    |           240 | 2020-07-30 18:07:51 |
| 195 | JAYNE    | SILVERSTONE |           347 | 2020-07-30 18:07:51 |
| 196 | BELA     | WALKEN   |           350 | 2020-07-30 18:07:51 |
| 197 | REESE    | WEST     |           360 | 2020-07-30 18:07:51 |
| 198 | MARY     | KEITEL   |           260 | 2020-07-30 18:07:51 |
| 199 | JULIA    | FAWCETT  |           361 | 2020-07-30 18:07:51 |
| 200 | THORA    | TEMPLE   |           401 | 2020-07-30 18:07:51 |
+-----+-----+-----+-----+-----+
200 rows in set (0.00 sec)
```

```
mysql> select first_name, last_name from actor;
```

```
+-----+-----+
| first_name | last_name |
+-----+-----+
| PENELOPE  | GUINNESS |
| NICK       | WAHLBERG |
| ED         | CHASE    |
| JENNIFER  | DAVIS    |
| JOHNNY    | LOLLOBRIGIDA |
| BETTE     | NICHOLSON |
| GRACE     | MOSTEL   |
| MATTHEW   | JOHANSSON |
| JOE        | SWANK    |
| CHRISTIAN | GABLE    |
| ZERO      | CAGE     |
| KARL      | BERRY    |
| UMA        | WOOD     |
| VIVIEN    | BERGEN   |
| CUBA      | OLIVIER  |
| FRED      | COSTNER  |
+-----+-----+
```

```
| MERYL    | ALLEN      |
| JAYNE    | SILVERSTONE|
| BELA     | WALKEN     |
| REESE    | WEST        |
| MARY     | KEITEL     |
| JULIA    | FAWCETT   |
| THORA    | TEMPLE     |
+-----+-----+
200 rows in set (0.00 sec)
```

```
mysql> select first_name AS first, last_name AS last from actor;
```

```
+-----+-----+
| first | last  |
+-----+-----+
| PENELOPE | GUINNESS |
| NICK     | WAHLBERG |
| ED       | CHASE     |
| JENNIFER | DAVIS     |
| JOHNNY   | LOLLOBRIGIDA |
| BETTE    | NICHOLSON |
| GRACE    | MOSTEL    |
| MATTHEW  | JOHANSSON |
| JOE      | SWANK     |
| CHRISTIAN | GABLE    |
| ZERO     | CAGE      |
| KARL     | BERRY     |
| UMA      | WOOD      |
| VIVIEN   | BERGEN    |
| CUBA     | OLIVIER   |
| FRED     | COSTNER   |
| HELEN   | VOIGHT    |
| DAN      | TORN      |
| BOB      | FAWCETT   |
| LUCILLE  | TRACY     |
| KIRSTEN  | PALTROW   |
| ELVIS    | MARX      |
| SANDRA   | KILMER    |
| CAMERON  | STREEP    |
| KEVIN    | BLOOM     |
| RIP      | CRAWFORD  |
+-----+-----+
```

Weather Observation Station X +

hackerrank.com/challenges/weather-observation-station-5/problem?isFullScreen=true

HackerRank Prepare > SQL > Basic Select Weather Observation Station 5

Exit Full Screen View

MySQL

Problem Submissions Leaderboard Discussions

Query the two cities in **STATION** with the shortest and longest CITY names, as well as their respective lengths (i.e.: number of characters in the name). If there is more than one smallest or largest city, choose the one that comes first when ordered alphabetically.

The **STATION** table is described as follows:

STATION	
Field	Type
ID	NUMBER
CITY	VARCHAR2(21)
STATE	VARCHAR2(2)
LAT_N	NUMBER
LONG_W	NUMBER

where **LAT_N** is the northern latitude and **LONG_W** is the western longitude.

Sample Input

For example, **CITY** has four entries: **DEF**, **ABC**, **PQRS** and **WXY**.

Sample Output

```
ABC 3
PQRS 4
```

Explanation

MySQL

1. SELECT CITY, LENGTH(CITY) AS Len FROM STATION ORDER BY len, city limit 1;
2. SELECT CITY, LENGTH(CITY) AS Len FROM STATION ORDER BY len DESC, city limit 1;

Line: 2 Col: 79

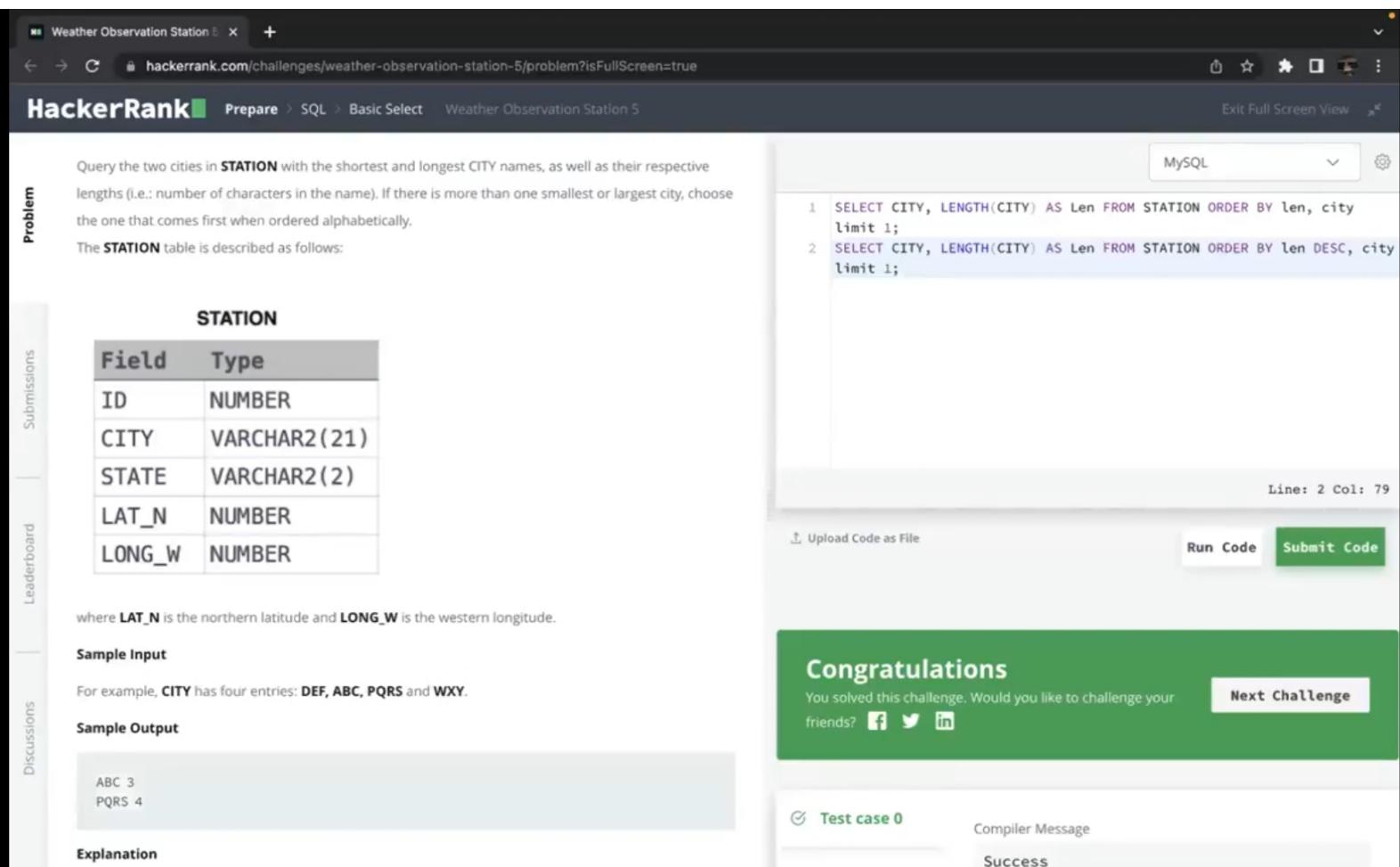
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Congratulations

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Test case 0 Compiler Message Success



Weather Observation Station X Type of Triangle | HackerRank X +

hackerrank.com/challenges/what-type-of-triangle/problem?isFullScreen=true

HackerRank Prepare > SQL > Advanced Select Type of Triangle

Exit Full Screen View

MySQL

Problem Submissions Leaderboard Discussions

Write a query identifying the type of each record in the **TRIANGLES** table using its three side lengths. Output one of the following statements for each record in the table:

- Equilateral:** It's a triangle with **3** sides of equal length.
- Isosceles:** It's a triangle with **2** sides of equal length.
- Scalene:** It's a triangle with **3** sides of differing lengths.
- Not A Triangle:** The given values of A, B, and C don't form a triangle.

Input Format

The **TRIANGLES** table is described as follows:

Column	Type
A	Integer
B	Integer
C	Integer

Each row in the table denotes the lengths of each of a triangle's three sides.

Sample Input

A	B	C
20	20	23
20	20	20

1 /*
2 Enter your query here.
3 */

Line: 1 Col: 1

Upload Code as File Run Code Submit Code

This screenshot shows a HackerRank challenge titled "Type of Triangle". The challenge requires writing an SQL query to determine the type of triangles based on their side lengths. The table definition is provided as follows:

Column	Type
A	Integer
B	Integer
C	Integer

The challenge also provides sample input data:

A	B	C
20	20	23
20	20	20

The code editor shows a template query:

```
1 /*  
2 Enter your query here.  
3 */
```

Buttons for "Run Code" and "Submit Code" are visible at the bottom of the editor.

Weather Observation Station | Type of Triangle | HackerRank | MySQL: IF-THEN-ELSE Statement

techonthenet.com/mysql/loops/if_then.php

TechONtheNet

Home MySQL Loops

Advertisements



```
DELIMITER //  
  
CREATE FUNCTION IncomeLevel ( monthly_value INT )  
RETURNS varchar(20)  
  
BEGIN  
  
    DECLARE income_level varchar(20);  
  
    IF monthly_value <= 4000 THEN  
        SET income_level = 'Low Income';  
  
    ELSEIF monthly_value > 4000 AND monthly_value <= 7000 THEN  
        SET income_level = 'Avg Income';  
  
    ELSE  
        SET income_level = 'High Income';  
  
    END IF;  
  
    RETURN income_level;  
  
END; //  
  
DELIMITER ;
```

In this IF-THEN-ELSE statement example, we've created a function called IncomeLevel. It has one parameter called *monthly_value* and it returns a *varchar(20)*. The function will return the income level based on the *monthly_value*.

< NEXT: WHILE Loop >

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Weather Observation Station | Type of Triangle | HackerRank | MySQL CASE Function

w3schools.com/sql/func_mysql_case.asp

HTML CSS JAVASCRIPT SQL PYTHON JAVA PHP BOOTSTRAP HOW TO W3.CSS C C++ C# REACT

STR_TO_DATE
SUBDATE
SUBTIME
SYSDATE
TIME
TIME_FORMAT
TIME_TO_SEC
TIMEDIFF
TIMESTAMP
TO_DAYS
WEEK
WEEKDAY
WEEKOFYEAR
YEAR
YEARWEEK

Advanced Functions:

BIN
BINARY
CASE
CAST
COALESCE
CONNECTION_ID
CONV
CONVERT
CURRENT_USER

Waiting for prebid.smilewanted.com...

MySQL CASE Function

◀ Previous ▶ MySQL Functions Next ▶

Example

Get your own SQL Server

Go through conditions and return a value when the first condition is met:

```
SELECT OrderID, Quantity,  
CASE  
    WHEN Quantity > 30 THEN "The quantity is greater than 30"  
    WHEN Quantity = 30 THEN "The quantity is 30"  
    ELSE "The quantity is under 30"  
END  
FROM OrderDetails;
```

Try it Yourself »

Definition and Usage

The CASE statement goes through conditions and return a value when the first condition is met (like an IF-THEN-ELSE statement). So, once a condition is true, it will stop reading and return the result.

UNLOCK Full Access

Weather Observation Station | Type of Triangle | HackerRank | MySQL CASE Function | New Tab | Ruby Programming Language

hackerrank.com/challenges/what-type-of-triangle/problem?isFullScreen=true

HackerRank Prepare > SQL > Advanced Select Type of Triangle

Each row in the table denotes the lengths of each of a triangle's three sides.

Sample Input

A	B	C
20	20	23
20	20	20
20	21	22
13	14	30

Sample Output

```
Isosceles
Equilateral
Scalene
Not A Triangle
```

Explanation

Values in the tuple (20, 20, 23) form an Isosceles triangle, because $A \equiv B$.

Values in the tuple (20, 20, 20) form an Equilateral triangle, because $A \equiv B \equiv C$.

. Values in the tuple (20, 21, 22) form a Scalene triangle, because $A \neq B \neq C$.

Values in the tuple (13, 14, 30) cannot form a triangle because the combined value of sides A and B is not larger than that of side C .

Code Editor

```
1 select
2     CASE
3         WHEN A + B > C AND B + C > A AND A + C > B THEN
4             CASE
5                 WHEN A = B AND B = C THEN "Equilateral"
6                 WHEN A = B OR B = C OR A = C THEN "Isosceles"
7                 ELSE "Scalene"
8             END
9         ELSE "Not A Triangle"
10    END
11   from TRIANGLES;
12
13 /* A, B, C -> (A + B > C AND B + C > A AND A + C > B), SUM OF ANY TWO SIDES SHOULD BE
   GREATER THAN THE THIRD SIDE*/
```

MySQL

Line: 7 Col: 30

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Congratulations

You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

Next Challenge

Test case 0

Compiler Message

Success

```

|      597 | 32 Liaocheng Way          |      | Minas Gerais   | 248 | 1944   | 410877354933 | 2020-07-30 18:07:51 | |
| 07:51 |      598 | 42 Fontana Avenue        |      | Fejr           | 512 | 14684   | 437829801725 | 2020-07-30 18:07:51 |
| 07:51 |      599 | 1895 Zhezqazghan Drive    |      | California     | 177 | 36693   | 137809746111 | 2020-07-30 18:07:51 |
| 07:51 |      600 | 1837 Kaduna Parkway       |      | Inner Mongolia | 241 | 82580   | 640843562301 | 2020-07-30 18:07:51 |
| 07:51 |      601 | 844 Bucuresti Place       |      | Liaoning        | 242 | 36603   | 935952366111 | 2020-07-30 18:07:51 |
| 07:51 |      602 | 1101 Bucuresti Boulevard  |      | West Greece    | 401 | 97661   | 199514580428 | 2020-07-30 18:07:51 |
| 07:51 |      603 | 1103 Quilmes Boulevard    |      | Piura          | 503 | 52137   | 644021380889 | 2020-07-30 18:07:51 |
| 07:51 |      604 | 1331 Usak Boulevard       |      | Vaud           | 296 | 61960   | 145308717464 | 2020-07-30 18:07:51 |
| 07:51 |      605 | 1325 Fukuyama Street      |      | Heilongjiang   | 537 | 27107   | 288241215394 | 2020-07-30 18:07:51 |
| 07:51 |
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+
603 rows in set (0.01 sec)

mysql> select * from address limit 10;
+-----+-----+-----+-----+-----+-----+-----+-----+
| address_id | address          | address2 | district | city_id | postal_code | phone      | last_update |
+-----+-----+-----+-----+-----+-----+-----+-----+
|      1 | 47 MySakila Drive | NULL     | Alberta   | 300     |             |            | 2020-07-30 18:07:51 |
|      2 | 28 MySQL Boulevard | NULL     | QLD       | 576     |             |            | 2020-07-30 18:07:51 |
|      3 | 23 Workhaven Lane | NULL     | Alberta   | 300     |             | 14033335568 | 2020-07-30 18:07:51 |
|      4 | 1411 Lillydale Drive | NULL     | QLD       | 576     |             | 6172235589  | 2020-07-30 18:07:51 |
|      5 | 1913 Hanoi Way     | NULL     | Nagasaki  | 463     | 35200      | 28303384290 | 2020-07-30 18:07:51 |
|      6 | 1121 Loja Avenue   | NULL     | California | 449     | 17886      | 838635286649 | 2020-07-30 18:07:51 |
|      7 | 692 Joliet Street  | NULL     | Attika    | 38      | 83579      | 448477190408 | 2020-07-30 18:07:51 |
|      8 | 1566 Inegl Manor   | NULL     | Mandalay  | 349     | 53561      | 705814003527 | 2020-07-30 18:07:51 |
|      9 | 53 Idfu Parkway    | NULL     | Nantou   | 361     | 42399      | 10655648674  | 2020-07-30 18:07:51 |
|     10 | 1795 Santiago de Compostela Way | NULL     | Texas     | 295     | 18743      | 860452626434 | 2020-07-30 18:07:51 |
+-----+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql> select * from address where district = 'Alberta';
```

```
07:51 |       602 | 1101 Bucuresti Boulevard      |           | West Greece        |   401 | 97661     | 199514580428 | 2020-07-30 18:  
07:51 |       603 | 1103 Quilmes Boulevard      |           | Piura              |   503 | 52137     | 644021380889 | 2020-07-30 18:  
07:51 |       604 | 1331 Usak Boulevard        |           | Vaud               |   296 | 61960     | 145308717464 | 2020-07-30 18:  
07:51 |       605 | 1325 Fukuyama Street       |           | Heilongjiang       |   537 | 27107     | 288241215394 | 2020-07-30 18:  
07:51 |  
+-----+-----+-----+-----+-----+-----+-----+  
+-----+  
603 rows in set (0.01 sec)
```

```
mysql> select * from address limit 10;
```

address_id	address	address2	district	city_id	postal_code	phone	last_update
1	47 MySakila Drive	NULL	Alberta	300			2020-07-30 18:07:51
2	28 MySQL Boulevard	NULL	QLD	576			2020-07-30 18:07:51
3	23 Workhaven Lane	NULL	Alberta	300		14033335568	2020-07-30 18:07:51
4	1411 Lillydale Drive	NULL	QLD	576		6172235589	2020-07-30 18:07:51
5	1913 Hanoi Way		Nagasaki	463	35200	28303384290	2020-07-30 18:07:51
6	1121 Loja Avenue		California	449	17886	838635286649	2020-07-30 18:07:51
7	692 Joliet Street		Attika	38	83579	448477190408	2020-07-30 18:07:51
8	1566 Inegl Manor		Mandalay	349	53561	705814003527	2020-07-30 18:07:51
9	53 Idfu Parkway		Nantou	361	42399	10655648674	2020-07-30 18:07:51
10	1795 Santiago de Compostela Way		Texas	295	18743	860452626434	2020-07-30 18:07:51

```
10 rows in set (0.00 sec)
```

```
mysql> select * from address where district = 'Alberta';
```

address_id	address	address2	district	city_id	postal_code	phone	last_update
1	47 MySakila Drive	NULL	Alberta	300			2020-07-30 18:07:51
3	23 Workhaven Lane	NULL	Alberta	300		14033335568	2020-07-30 18:07:51

```
2 rows in set (0.00 sec)
```

```
mysql>
```

```

|   4 | 1411 Lillydale Drive      | NULL    | QLD     | 576   |           | 6172235589 | 2020-07-30 18:07:51 |
|   5 | 1913 Hanoi Way          | NULL    | Nagasaki | 463   | 35200   | 28303384290 | 2020-07-30 18:07:51 |
|   6 | 1121 Loja Avenue         | NULL    | California | 449   | 17886   | 838635286649 | 2020-07-30 18:07:51 |
|   7 | 692 Joliet Street        | NULL    | Attika    | 38    | 83579   | 448477190408 | 2020-07-30 18:07:51 |
|   8 | 1566 Inegl Manor         | NULL    | Mandalay  | 349   | 53561   | 705814003527 | 2020-07-30 18:07:51 |
|   9 | 53 Idfu Parkway          | NULL    | Nantou    | 361   | 42399   | 10655648674  | 2020-07-30 18:07:51 |
|  10 | 1795 Santiago de Compostela Way | Texas   | 295    | 18743   | 860452626434 | 2020-07-30 18:07:51 |
+-----+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql> select * from address where district = 'Alberta';
+-----+-----+-----+-----+-----+-----+-----+
| address_id | address      | address2 | district | city_id | postal_code | phone      | last_update |
+-----+-----+-----+-----+-----+-----+-----+
|     1 | 47 MySakila Drive | NULL    | Alberta  | 300    |             | 2020-07-30 18:07:51 |
|     3 | 23 Workhaven Lane | NULL    | Alberta  | 300    | 14033335568 | 2020-07-30 18:07:51 |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select * from address where district = 'Texas';
+-----+-----+-----+-----+-----+-----+-----+
| address_id | address      | address2 | district | city_id | postal_code | phone      | last_update |
+-----+-----+-----+-----+-----+-----+-----+
|     10 | 1795 Santiago de Compostela Way | NULL    | Texas   | 295    | 18743   | 860452626434 | 2020-07-30 18:07:51 |
|    122 | 333 Goinia Way          | NULL    | Texas   | 185    | 78625   | 909029256431 | 2020-07-30 18:07:51 |
|    310 | 913 Coacalco de Berriozbal Loop | NULL    | Texas   | 33     | 42141   | 262088367001 | 2020-07-30 18:07:51 |
|    405 | 530 Lausanne Lane        | NULL    | Texas   | 135    | 11067   | 775235029633 | 2020-07-30 18:07:51 |
|    567 | 1894 Boa Vista Way       | NULL    | Texas   | 178    | 77464   | 239357986667 | 2020-07-30 18:07:51 |
+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select COUNT(*) from address where district = 'Texas';
+-----+
| COUNT(*) |
+-----+
|      5 |
+-----+
1 row in set (0.01 sec)

mysql>

```

```

|   4 | 1411 Lillydale Drive      | NULL    | QLD     | 576   |           | 6172235589 | 2020-07-30 18:07:51 |
|   5 | 1913 Hanoi Way          | NULL    | Nagasaki | 463   | 35200   | 28303384290 | 2020-07-30 18:07:51 |
|   6 | 1121 Loja Avenue        | NULL    | California | 449   | 17886   | 838635286649 | 2020-07-30 18:07:51 |
|   7 | 692 Joliet Street       | NULL    | Attika    | 38    | 83579   | 448477190408 | 2020-07-30 18:07:51 |
|   8 | 1566 Inegl Manor        | NULL    | Mandalay  | 349   | 53561   | 705814003527 | 2020-07-30 18:07:51 |
|   9 | 53 Idfu Parkway         | NULL    | Nantou   | 361   | 42399   | 10655648674  | 2020-07-30 18:07:51 |
|  10 | 1795 Santiago de Compostela Way | Texas   | 295    | 18743   | 860452626434 | 2020-07-30 18:07:51 |
+-----+
10 rows in set (0.00 sec)

mysql> select * from address where district = 'Alberta';
+-----+-----+-----+-----+-----+-----+-----+
| address_id | address      | address2 | district | city_id | postal_code | phone      | last_update |
+-----+-----+-----+-----+-----+-----+-----+
|     1 | 47 MySakila Drive | NULL    | Alberta  |    300 |           |           | 2020-07-30 18:07:51 |
|     3 | 23 Workhaven Lane | NULL    | Alberta  |    300 |           | 14033335568 | 2020-07-30 18:07:51 |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select * from address where district = 'Texas';
+-----+-----+-----+-----+-----+-----+-----+
| address_id | address      | address2 | district | city_id | postal_code | phone      | last_update |
+-----+-----+-----+-----+-----+-----+-----+
|     10 | 1795 Santiago de Compostela Way | NULL    | Texas   |    295 | 18743   | 860452626434 | 2020-07-30 18:07:51 |
|    122 | 333 Goinia Way          | NULL    | Texas   |    185 | 78625   | 909029256431 | 2020-07-30 18:07:51 |
|    310 | 913 Coacalco de Berriozbal Loop | NULL    | Texas   |     33 | 42141   | 262088367001 | 2020-07-30 18:07:51 |
|    405 | 530 Lausanne Lane        | NULL    | Texas   |    135 | 11067   | 775235029633 | 2020-07-30 18:07:51 |
|    567 | 1894 Boa Vista Way       | NULL    | Texas   |    178 | 77464   | 239357986667 | 2020-07-30 18:07:51 |
+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select COUNT(*) from address where district = 'Texas';
+-----+
| COUNT(*) |
+-----+
|      5 |
+-----+
1 row in set (0.01 sec)

mysql> select distinct district from address;

```

Heilongjiang	
Coquimbo	
Battambang	
Sivas	
Gumma	
Khanh Hoa	
Ngbe An	
Friuli-Venezia Giulia	
Mogiljov	
Benguela	
Mie	
Chari-Baguirmi	
Kang-won	
Colorado	
Carabobo	
Ruse	
Toscana	
Sumatera Selatan	
Tadla-Azilal	
Hainan	X
Ishikawa	
Zhejiang	
Vojvodina	
Vilna	
Dolnoslaskie	
Sokoto & Kebbi & Zam	
Bukarest	
Huanuco	
Tokat	
Aozotegui	
Mazowieckie	
Garaghandy	
Kaohsiung	
Campeche	
Ninawa	
Central Mindanao	
Guerrero	
Banjul	
Loja	
al-Manama	

```
| Mogiljov      |
| Benguela     |
| Mie          |
| Chari-Baguirmi |
| Kang-won    |
| Colorado     |
| Carabobo     |
| Ruse         |
| Toscana       |
| Sumatera Selatan |
| Tadla-Azilal |
| Hainan        |
| Ishikawa      |
| Zhejiang      |
| Vojvodina    |
| Vilna         |
| Dolnoslaskie |
| Sokoto & Kebbi & Zam |
| Bukarest      |
| Huanuco       |
| Tokat         |
| Anzotegui    |
| Mazowieckie  |
| Qaraghandy   |
| Kaohsiung    |
| Campeche      |
| Ninawa        |
| Central Mindanao |
| Guerrero     |
| Banjul        |
| Loja          |
| al-Manama    |
| Fejr          |
| West Greece   |
| Piura         |
| Vaud          |
+-----+
378 rows in set (0.00 sec)
```

```
mysql> select distinct distrit from address;
```

```
| Mogiljov      |
| Benguela     |
| Mie          |
| Chari-Baguirmi |
| Kang-won     |
| Colorado     |
| Carabobo     |
| Ruse          |
| Toscana       |
| Sumatera Selatan |
| Tadla-Azilal  |
| Hainan        |
| Ishikawa      |
| Zhejiang      |
| Vojvodina    |
| Vilna         |
| Dolnoslaskie  |
| Sokoto & Kebbi & Zam |
| Bukarest      |
| Huanuco       |
| Tokat         |
| Anzotegui    |
| Mazowieckie   |
| Qaraghandy    |
| Kaohsiung     |
| Campeche      |
| Ninawa        |
| Central Mindanao |
| Guerrero      |
| Banjul         |
| Loja          |
| al-Manama     |
| Fejr          |
| West Greece   |
| Piura         |
| Vaud          |
+-----+
378 rows in set (0.00 sec)
```

```
mysql> select distinct distr from address;
```

```
| Shandong          |
| Huanuco          |
| Tokat            |
| Moskova          |
| Anzotegui        |
| Sichuan          |
| Coahuila de Zaragoza |
| Mazowieckie      |
| Slaskie          |
| Qaraghandy       |
| Tokyo-to          |
| Morelos          |
| Kaohsiung         |
| Taipei            |
| Campeche          |
| Ninawa            |
| Central Mindanao |
| Guerrero          |
| Hidalgo           |
| England           |
| Banjul             |
| Buenos Aires      |
| Nantou            |
| Guanajuato        |
| Shandong          |
| Loja              |
| al-Manama         |
| Minas Gerais      |
| Fejr               |
| California         |
| Inner Mongolia    |
| Liaoning           |
| West Greece        |
| Piura              |
| Vaud                |
| Heilongjiang       |
+-----+
603 rows in set (0.00 sec)
```

```
mysql> █
```

```
| Chari-Baguirmi      |
| Kang-won           |
| Colorado           |
| Carabobo           |
| Ruse                |
| Toscana             |
| Sumatera Selatan   |
| Tadla-Azilal       |
| Hainan              |
| Ishikawa            |
| Zhejiang            |
| Vojvodina           |
| Vilna               |
| Dolnoslaskie       |
| Sokoto & Kebbi & Zam |
| Bukarest            |
| Huanuco             |
| Tokat               |
| Anzotegui          |
| Mazowieckie         |
| Qaraghandy          |
| Kaohsiung           |
| Campeche            |
| Ninawa              |
| Central Mindanao   |
| Guerrero            |
| Banjul               |
| Loja                |
| al-Manama           |
| Fejr                |
| West Greece          |
| Piura               |
| Vaud                |
+-----+
378 rows in set (0.00 sec)

mysql> select COUNT(*), district from address;
ERROR 1140 (42000): In aggregated query without GROUP BY, expression #2 of SELECT list contains nonaggregated column 'lco_films.address.district'; this is incompatible with sql_mode=only_full_group_by
mysql> select COUNT(*), district from address group by
```

```
| Chari-Baguirmi      |
| Kang-won           |
| Colorado           |
| Carabobo           |
| Ruse                |
| Toscana             |
| Sumatera Selatan   |
| Tadla-Azilal       |
| Hainan              |
| Ishikawa            |
| Zhejiang            |
| Vojvodina           |
| Vilna               |
| Dolnoslaskie       |
| Sokoto & Kebbi & Zam |
| Bukarest            |
| Huanuco             |
| Tokat               |
| Anzotegui          |
| Mazowieckie         |
| Qaraghandy          |
| Kaohsiung           |
| Campeche            |
| Ninawa              |
| Central Mindanao   |
| Guerrero            |
| Banjul               |
| Loja                |
| al-Manama           |
| Fejr                |
| West Greece          |
| Piura               |
| Vaud                |
+-----+
378 rows in set (0.00 sec)

mysql> select COUNT(*), district from address;
ERROR 1140 (42000): In aggregated query without GROUP BY, expression #2 of SELECT list contains nonaggregated column 'lco_films.address.district'; this is incompatible with sql_mode=only_full_group_by
mysql> select COUNT(*), district from address group by district
```

```
| Piura      |
| Vaud       |
+-----+
378 rows in set (0.00 sec)

mysql> select COUNT(*), district from address;
ERROR 1140 (42000): In aggregated query without GROUP BY, expression #2 of SELECT list contains nonaggregated column 'lco_films.address.district'; this is incompatible with sql_mode=only_full_group_by
mysql> select COUNT(*), district from address group by district ;
+-----+-----+
| COUNT(*) | district   |
+-----+-----+
| 2 | Alberta
| 2 | QLD
| 1 | Nagasaki
| 9 | California
| 1 | Attika
| 1 | Mandalay
| 2 | Nantou
| 5 | Texas
| 1 | Central Serbia
| 1 | Hamilton
| 1 | Masqat
| 3 | Esfahan
| 2 | Kanagawa
| 2 | Haryana
| 1 | Osmaniye
| 3 | Madhya Pradesh
| 7 | England
| 1 | Kalmykia
| 2 | Kaduna
| 1 | Northern Cape
| 1 | Northwest Border Prov
| 3 | Dhaka
| 1 | Rabat-Sal-Zammour-Z
| 1 | Liepaja
| 1 | Crdoba
| 2 | Sind
| 3 |
| 1 | Southern Mindanao
```

```
| 1 | Sokoto & Kebbi & Zam |
| 1 | Bukarest |
| 1 | Huanuco |
| 1 | Tokat |
| 1 | Anzotegui |
| 1 | Mazowieckie |
| 1 | Qaraghandy |
| 1 | Kaohsiung |
| 1 | Campeche |
| 1 | Ninawa |
| 1 | Central Mindanao |
| 1 | Guerrero |
| 1 | Banjul |
| 1 | Loja |
| 1 | al-Manama |
| 1 | Fejr |
| 1 | West Greece |
| 1 | Piura |
| 1 | Vaud |
+-----+-----+
378 rows in set (0.00 sec)

mysql> select COUNT(*), district from address group by district limit 10;
+-----+-----+
| COUNT(*) | district |
+-----+-----+
| 2 | Alberta |
| 2 | QLD |
| 1 | Nagasaki |
| 9 | California |
| 1 | Attika |
| 1 | Mandalay |
| 2 | Nantou |
| 5 | Texas |
| 1 | Central Serbia |
| 1 | Hamilton |
+-----+-----+
10 rows in set (0.00 sec)

mysql>
```

```
378 rows in set (0.00 sec)

mysql> select COUNT(*), district from address group by district limit 10;
+-----+-----+
| COUNT(*) | district   |
+-----+-----+
|      2 | Alberta    |
|      2 | QLD        |
|      1 | Nagasaki   |
|      9 | California  |
|      1 | Attika     |
|      1 | Mandalay   |
|      2 | Nantou     |
|      5 | Texas       |
|      1 | Central Serbia|
|      1 | Hamilton   |
+-----+-----+
10 rows in set (0.00 sec)

mysql> select address, district from address group by district limit 10;
ERROR 1055 (42000): Expression #1 of SELECT list is not in GROUP BY clause and contains nonaggregated column 'lco_films.address.address' which
is not functionally dependent on columns in GROUP BY clause; this is incompatible with sql_mode=only_full_group_by
mysql> select count(*), district from address group by district limit 10;
+-----+-----+
| count(*) | district   |
+-----+-----+
|      2 | Alberta    |
|      2 | QLD        |
|      1 | Nagasaki   |
|      9 | California  |
|      1 | Attika     |
|      1 | Mandalay   |
|      2 | Nantou     |
|      5 | Texas       |
|      1 | Central Serbia|
|      1 | Hamilton   |
+-----+-----+
10 rows in set (0.00 sec)

mysql>
```

```
378 rows in set (0.00 sec)

mysql> select COUNT(*), district from address group by district limit 10;
+-----+-----+
| COUNT(*) | district   |
+-----+-----+
|      2 | Alberta    |
|      2 | QLD        |
|      1 | Nagasaki   |
|      9 | California  |
|      1 | Attika     |
|      1 | Mandalay   |
|      2 | Nantou     |
|      5 | Texas       |
|      1 | Central Serbia|
|      1 | Hamilton   |
+-----+-----+
10 rows in set (0.00 sec)

mysql> select address, district from address group by district limit 10;
ERROR 1055 (42000): Expression #1 of SELECT list is not in GROUP BY clause and contains nonaggregated column 'lco_films.address.address' which
is not functionally dependent on columns in GROUP BY clause; this is incompatible with sql_mode=only_full_group_by
mysql> select count(*), district from address group by district limit 10;
+-----+-----+
| count(*) | district   |
+-----+-----+
|      2 | Alberta    |
|      2 | QLD        |
|      1 | Nagasaki   |
|      9 | California  |
|      1 | Attika     |
|      1 | Mandalay   |
|      2 | Nantou     |
|      5 | Texas       |
|      1 | Central Serbia|
|      1 | Hamilton   |
+-----+-----+
10 rows in set (0.00 sec)

mysql> select count(*) as count, district from address group by district having count >= 5;
```

```
mysql> select count(*), district from address group by district limit 10;
+-----+-----+
| count(*) | district      |
+-----+-----+
|      2 | Alberta      |
|      2 | QLD          |
|      1 | Nagasaki     |
|      9 | California    |
|      1 | Attika        |
|      1 | Mandalay     |
|      2 | Nantou        |
|      5 | Texas         |
|      1 | Central Serbia|
|      1 | Hamilton      |
+-----+-----+
10 rows in set (0.00 sec)

mysql> select count(*) as count, district from address group by district having count >= 5;
+-----+-----+
| count | district      |
+-----+-----+
|     9 | California    |
|     5 | Texas          |
|     7 | England        |
|     9 | West Bengali   |
|     8 | Uttar Pradesh  |
|     5 | Karnataka     |
|     8 | So Paulo       |
|    10 | Buenos Aires   |
|     5 | Gois           |
|     5 | Punjab          |
|     5 | Hubei          |
|     9 | Shandong        |
|     7 | Maharashtra    |
|     5 | Tamil Nadu     |
|     6 | Southern Tagalog|
+-----+-----+
15 rows in set (0.01 sec)

mysql>
```