mysql 基础sql语句

select * from t\G;

\G ：将查询结果按列打印

create table t

(a int unsigned,

b int unsigned

)

engine=INNODB;

insert into t select 1, 2;

select a - b from t;

set sql_mode='NO_UNSIGNED_SUBTRACTION';

select a - b from t;

select a between c and d; （检查a是否在c,d区间内）

mysql> alter table t change column a a int(4) unsigned zerofill;

Query OK, 0 rows affected (0.77 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql>

mysql> select a, b from t\G;

*************************** 1. row ***************************

a: 0001

b: 2

1 row in set (0.01 sec)

ERROR:

No query specified

mysql> select * from t;

+------+------+

| a | b |

+------+------+

| 0001 | 2 |

+------+------+

1 row in set (0.00 sec)

mysql>

mysql> select a, HEX(a) from t;

+------+--------+

| a | HEX(a) |

+------+--------+

| 0001 | 1 |

+------+--------+

1 row in set (0.03 sec)

mysql>

mysql> select @@global.sql_mode;

+-------------------+

| @@global.sql_mode |

+-------------------+

| |

+-------------------+

1 row in set (0.00 sec)

mysql> select @@global.sql_mode\G;

*************************** 1. row ***************************

```
@@global.sql_mode:
1 row in set (0.00 sec)

ERROR:
No query specified

mysql> select @@session.sql_mode\G
*************************** 1. row ***************************
@@session.sql_mode: NO_UNSIGNED_SUBTRACTION
1 row in set (0.00 sec)

mysql> set global sql_mode='strict_trans_tables';
Query OK, 0 rows affected (0.00 sec)

mysql> select @@global.sql_mode\G;
*************************** 1. row ***************************
@@global.sql_mode: STRICT_TRANS_TABLES
1 row in set (0.00 sec)

ERROR:
No query specified

mysql> create table z (a varchar(10)) engine=innodb;
Query OK, 0 rows affected (0.01 sec)

mysql>
mysql> insert into z select "aaa";
Query OK, 1 row affected (0.00 sec)
Records: 1  Duplicates: 0  Warnings: 0

mysql> select * from z;
+------+
| a    |
+------+
| aaa  |
+------+
1 row in set (0.00 sec)

mysql>
mysql> set sql_mode='ANSI_QUOTES';
Query OK, 0 rows affected (0.00 sec)

mysql> insert into z select "aaa";
ERROR 1054 (42S22): Unknown column 'aaa' in 'field list'
mysql>
mysql> select * from z;
+------+
| a    |
+------+
| aaa  |
+------+
1 row in set (0.00 sec)

mysql>
mysql> select 0 between -1 and 1\G;
*************************** 1. row ***************************
0 between -1 and 1: 1
1 row in set (0.00 sec)
```

```
ERROR:
No query specified

mysql> select 0 between -1 and 1;
+--------------------+
| 0 between -1 and 1 |
+--------------------+
|                  1 |
+--------------------+
1 row in set (0.00 sec)

mysql> select @@sql_mode;
+-------------+
| @@sql_mode  |
+-------------+
| ANSI_QUOTES |
+-------------+
1 row in set (0.00 sec)

mysql> select between -1 and 1;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the
right syntax to use near 'between -1 and 1' at line 1
mysql>
mysql> select 1 between -1 and 1;
+--------------------+
| 1 between -1 and 1 |
+--------------------+
|                  1 |
+--------------------+
1 row in set (0.00 sec)

mysql> select 10 between -1 and 1;
+---------------------+
| 10 between -1 and 1 |
+---------------------+
|                   0 |
+---------------------+
1 row in set (0.00 sec)

mysql> select 10 between 9 and 10;
+---------------------+
| 10 between 9 and 10 |
+---------------------+
|                   1 |
+---------------------+
1 row in set (0.01 sec)

mysql> select 9 between 9 and 10;
+--------------------+
| 9 between 9 and 10 |
+--------------------+
|                  1 |
+--------------------+
1 row in set (0.00 sec)

mysql> select 8 between 9 and 10;
+--------------------+
```

```
| 8 between 9 and 10 |
+--------------------+
|                  0 |
+--------------------+
1 row in set (0.00 sec)
```