wrz@ubuntu:~$ sudo mysql -u root -p

[sudo] password for wrz:

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 9

Server version: 5.7.24-0ubuntu0.18.04.1 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;

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

| Database |

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

| information\_schema |

| gongzibiao\_mysql |

| hello\_mysql |

| mysql |

| performance\_schema |

| sys |

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

6 rows in set (0.01 sec)

mysql> use gongzibiao\_mysql;

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A

Database changed

mysql> select database();

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

| database() |

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

| gongzibiao\_mysql |

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

1 row in set (0.00 sec)

mysql> create table gs1(

-> id int auto\_increment primary key,

-> salary int(20));

Query OK, 0 rows affected (0.04 sec)

mysql> desc gs1;

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

| Field | Type | Null | Key | Default | Extra |

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

| id | int(11) | NO | PRI | NULL | auto\_increment |

| salary | int(20) | YES | | NULL | |

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

2 rows in set (0.00 sec)

mysql> insert into gs1(salary)

-> values(1000),

-> (2000),

-> (3000),

-> (4000),

-> (5000),

-> (6000),

-> (7000),

-> (8000),

-> (6666),

-> (12845);

Query OK, 10 rows affected (0.01 sec)

Records: 10 Duplicates: 0 Warnings: 0

mysql> select \* from gs1;

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

| id | salary |

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

| 1 | 1000 |

| 2 | 2000 |

| 3 | 3000 |

| 4 | 4000 |

| 5 | 5000 |

| 6 | 6000 |

| 7 | 7000 |

| 8 | 8000 |

| 9 | 6666 |

| 10 | 12845 |

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

10 rows in set (0.00 sec)

mysql> select max(salary),min(salary),sum(salary) from gs1;

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

| max(salary) | min(salary) | sum(salary) |

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

| 12845 | 1000 | 55511 |

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

1 row in set (0.01 sec)

mysql> select \* from gs1 order by salary desc;

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

| id | salary |

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

| 10 | 12845 |

| 8 | 8000 |

| 7 | 7000 |

| 9 | 6666 |

| 6 | 6000 |

| 5 | 5000 |

| 4 | 4000 |

| 3 | 3000 |

| 2 | 2000 |

| 1 | 1000 |

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

10 rows in set (0.00 sec)

mysql> select \* from gs1 order by salary desc limit 0,5;

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

| id | salary |

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

| 10 | 12845 |

| 8 | 8000 |

| 7 | 7000 |

| 9 | 6666 |

| 6 | 6000 |

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

5 rows in set (0.00 sec)

mysql> select \* from gs1 order by salary desc limit 5,5;

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

| id | salary |

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

| 5 | 5000 |

| 4 | 4000 |

| 3 | 3000 |

| 2 | 2000 |

| 1 | 1000 |

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

5 rows in set (0.00 sec)

mysql> create table gs2(

-> id int auto\_increment primary key,

-> salary int(20));

Query OK, 0 rows affected (0.03 sec)

mysql> insert into gs2(salary)

-> values(2374),

-> (3498),

-> (7289),

-> (1256),

-> (6382),

-> (2971),

-> (28464),

-> (9264),

-> (6501),

-> (5195),

-> (5766);

Query OK, 11 rows affected (0.00 sec)

Records: 11 Duplicates: 0 Warnings: 0

mysql> select \* from gs2;

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

| id | salary |

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

| 1 | 2374 |

| 2 | 3498 |

| 3 | 7289 |

| 4 | 1256 |

| 5 | 6382 |

| 6 | 2971 |

| 7 | 28464 |

| 8 | 9264 |

| 9 | 6501 |

| 10 | 5195 |

| 11 | 5766 |

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

11 rows in set (0.00 sec)

mysql> select max(salary),min(salary),sum(salary) from gs2;

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

| max(salary) | min(salary) | sum(salary) |

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

| 28464 | 1256 | 78960 |

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

1 row in set (0.00 sec)

mysql> select \* from gs2 order by salary desc;

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

| id | salary |

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

| 7 | 28464 |

| 8 | 9264 |

| 3 | 7289 |

| 9 | 6501 |

| 5 | 6382 |

| 11 | 5766 |

| 10 | 5195 |

| 2 | 3498 |

| 6 | 2971 |

| 1 | 2374 |

| 4 | 1256 |

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

11 rows in set (0.00 sec)

mysql> select \* from gs2 order by salary desc limit 0,5;

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

| id | salary |

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

| 7 | 28464 |

| 8 | 9264 |

| 3 | 7289 |

| 9 | 6501 |

| 5 | 6382 |

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

5 rows in set (0.00 sec)

mysql> select \* from gs2 order by salary desc limit 5,5;

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

| id | salary |

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

| 11 | 5766 |

| 10 | 5195 |

| 2 | 3498 |

| 6 | 2971 |

| 1 | 2374 |

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

5 rows in set (0.00 sec)