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MySQL 8.0 Command Line Client - Unicode                                              —    ⬜    ✕
Enter password: ***********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 31
Server version: 8.0.30 MySQL Community Server - GPL

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owners.

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

mysql> create database kk;
Query OK, 1 row affected (0.01 sec)

mysql> create table kk.emp(empno int(10),empname varchar(20),job varchar(20),deptno int(10),sall float(6,2));
Query OK, 0 rows affected, 3 warnings (0.02 sec)

mysql> describe kk.emp;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| empno   | int         | YES  |     | NULL    |       |
| empname | varchar(20) | YES  |     | NULL    |       |
| job     | varchar(20) | YES  |     | NULL    |       |
| deptno  | int         | YES  |     | NULL    |       |
| sall    | float(6,2)  | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql> insert into kk.emp(empno,empname,job,deptno,sall) values(123,'vamsi','manager',20,4444.44);
Query OK, 1 row affected (0.01 sec)

mysql>  insert into kk.emp(empno,empname,job,deptno,sall) values(124,'sarath','excutive manager',20,6666.64);
Query OK, 1 row affected (0.01 sec)

mysql>  insert into kk.emp(empno,empname,job,deptno,sall) values(125,'sai','marketing manager',20,7777.77);
Query OK, 1 row affected (0.01 sec)

mysql>  insert into kk.emp(empno,empname,job,deptno,sall) values(127,'harsha','finance manager',20,5555.55);
Query OK, 1 row affected (0.01 sec)

mysql>  insert into kk.emp(empno,empname,job,deptno,sall) values(128,'prasad','assistent manager',50,1234.56);
Query OK, 1 row affected (0.00 sec)

mysql> select * from kk.emp;
+-------+---------+-------------------+--------+---------+
| empno | empname | job               | deptno | sall    |
+-------+---------+-------------------+--------+---------+
|   123 | vamsi   | manager           |     20 | 4444.44 |
|   124 | sarath  | excutive manager  |     20 | 6666.64 |
|   125 | sai     | marketing manager |     20 | 7777.77 |
|   127 | harsha  | finance manager   |     20 | 5555.55 |
|   128 | prasad  | assistent manager |     50 | 1234.56 |
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14-09-2022

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mysql> select avg(sall) from kk.emp;
+-------------+
| avg(sall)   |
+-------------+
| 5135.791992 |
+-------------+
1 row in set (0.01 sec)

mysql> select avg(sall) from kk.emp where empname='sarath';
+-------------+
| avg(sall)   |
+-------------+
| 6666.640137 |
+-------------+
1 row in set (0.00 sec)

mysql> select max(sall) from kk.emp where sall < (select max(sall) from kk.emp;
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 nea
r '' at line 1
mysql> select max(sal) fromkk.emp;
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 nea
r '.emp' at line 1
mysql> select count * from kk.emp;
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 nea
r 'from kk.emp' at line 1
mysql>  select max(sal) fromkk.emp;
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 nea
r '.emp' at line 1
mysql> pselect max(sall) from kk.emp;
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 nea
r 'pselect max(sall) from kk.emp' at line 1
mysql> select max(sall) 'maximum salary' from kk.emp;
+----------------+
| maximum salary |
+----------------+
|        7777.77 |
+----------------+
1 row in set (0.01 sec)

mysql> select min(sall) 'minimum salary' from kk.emp;
+----------------+
| minimum salary |
+----------------+
|        1234.56 |
+----------------+
1 row in set (0.00 sec)
```

```
ERROR 1054 (42S22): Unknown column 'salary' in 'field list'
mysql> select sum(sall)'total sall' from kk.emp;
+------------+
| total sall |
+------------+
|   25678.96 |
+------------+
1 row in set (0.00 sec)

mysql> select sum(row count) 'total rows' from kk.emp;
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 nea
r 'count) 'total rows' from kk.emp' at line 1
mysql> select sum(row_count) 'total rows' from kk.emp;
ERROR 1054 (42S22): Unknown column 'row_count' in 'field list'
mysql> select * row number() 'total row' from kk.emp;
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 nea
r 'row number() 'total row' from kk.emp' at line 1
mysql>  select * row number 'total row' from kk.emp;
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 nea
r 'row number 'total row' from kk.emp' at line 1
mysql>  select  row number 'total row' from kk.emp;
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 nea
r 'number 'total row' from kk.emp' at line 1
mysql> select count * 'total rows' from kk.emp;
ERROR 1054 (42S22): Unknown column 'count' in 'field list'
mysql>  select count(*)'total rows' from kk.emp;
+------------+
| total rows |
+------------+
|          5 |
+------------+
1 row in set (0.00 sec)

mysql>  select count*'total rows' from kk.emp;
ERROR 1054 (42S22): Unknown column 'count' in 'field list'
mysql> select count(distinct deptno) 'total distinct' from kk.emp;
+----------------+
| total distinct |
+----------------+
|              2 |
+----------------+
1 row in set (0.01 sec)

mysql> select count(dept=20) 'total in dept' from kk.emp;
ERROR 1054 (42S22): Unknown column 'dept' in 'field list'
mysql>  select count(deptno=20) 'total in dept' from kk.emp;
+---------------+
| total in dept |
+---------------+
|             5 |
+---------------+
1 row in set (0.00 sec)
```

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owners.

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

mysql> select * from kk.stud;
Empty set (0.00 sec)

mysql> describe kk.stud;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| studentid | int         | YES  |     | NULL    |       |
| student   | varchar(20) | YES  |     | NULL    |       |
| marks     | int         | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> insert into kk.stud(studentid,student,marks) values(123,'vamsi',93);
Query OK, 1 row affected (0.01 sec)

mysql>  insert into kk.stud(studentid,student,marks) values(111,'sarath',91);
Query OK, 1 row affected (0.01 sec)

mysql>  insert into kk.stud(studentid,student,marks) values(145,'sai',98);
Query OK, 1 row affected (0.01 sec)

mysql>  insert into kk.stud(studentid,student,marks) values(163,'harsha',90);
Query OK, 1 row affected (0.01 sec)

mysql>  insert into kk.stud(studentid,student,marks) values(199,'naveen',97);
Query OK, 1 row affected (0.01 sec)

mysql> select * from kk.stud;
+-----------+---------+-------+
| studentid | student | marks |
+-----------+---------+-------+
|       123 | vamsi   |    93 |
|       111 | sarath  |    91 |
|       145 | sai     |    98 |
|       163 | harsha  |    90 |
|       199 | naveen  |    97 |
+-----------+---------+-------+
5 rows in set (0.00 sec)

mysql> select max(marks) 'maximum markes' from kk.stud;
+----------------+
| maximum markes |
+----------------+
|             98 |
+----------------+
1 row in set (0.00 sec)

mysql> select avg(marks) 'average mark' from kk.stud;
+--------------+
```

```
mysql> select avg(marks) 'average mark' from kk.stud;
+--------------+
| average mark |
+--------------+
|      93.8000 |
+--------------+
1 row in set (0.01 sec)

mysql> select min(marks) 'minimum mark' from kk.stud;
+--------------+
| minimum mark |
+--------------+
|           90 |
+--------------+
1 row in set (0.00 sec)

mysql> select count(*)'total rows' from kk.stud;
+------------+
| total rows |
+------------+
|          5 |
+------------+
1 row in set (0.00 sec)

mysql>
```