Enter password: \*\*\*\*\*\*\*

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

Your MySQL connection id is 49

Server version: 8.0.34 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective

owners.

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

mysql> use iacsd24

Database changed

mysql>

mysql> select \* from emp;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

| 7499 | ALLEN | SALESMAN | 7698 | 1981-02-20 | 1600.00 | 300.00 | 30 |

| 7521 | WARD | SALESMAN | 7698 | 1981-02-22 | 1250.00 | 500.00 | 30 |

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

| 7654 | MARTIN | SALESMAN | 7698 | 1981-09-28 | 1250.00 | 1400.00 | 30 |

| 7698 | BLAKE | MANAGER | 7839 | 1981-05-01 | 2850.00 | NULL | 30 |

| 7782 | CLARK | MANAGER | 7839 | 1981-06-09 | 2450.00 | NULL | 10 |

| 7788 | SCOTT | ANALYST | 7566 | 1982-12-09 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 1981-11-17 | 5000.00 | NULL | 10 |

| 7844 | TURNER | SALESMAN | 7698 | 1981-09-08 | 1500.00 | 0.00 | 30 |

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7902 | FORD | ANALYST | 7566 | 1981-12-03 | 3000.00 | NULL | 20 |

| 7934 | MILLER | CLERK | 7782 | 1982-01-23 | 1300.00 | NULL | 10 |

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

14 rows in set (0.00 sec)

mysql> create view empfun

-> a

-> ;

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 'a' at line 2

mysql> create view empfun

-> as

-> select sal,job,empno,ename from emp where sal>800;

Query OK, 0 rows affected (0.06 sec)

mysql> select \* from emp;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

| 7499 | ALLEN | SALESMAN | 7698 | 1981-02-20 | 1600.00 | 300.00 | 30 |

| 7521 | WARD | SALESMAN | 7698 | 1981-02-22 | 1250.00 | 500.00 | 30 |

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

| 7654 | MARTIN | SALESMAN | 7698 | 1981-09-28 | 1250.00 | 1400.00 | 30 |

| 7698 | BLAKE | MANAGER | 7839 | 1981-05-01 | 2850.00 | NULL | 30 |

| 7782 | CLARK | MANAGER | 7839 | 1981-06-09 | 2450.00 | NULL | 10 |

| 7788 | SCOTT | ANALYST | 7566 | 1982-12-09 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 1981-11-17 | 5000.00 | NULL | 10 |

| 7844 | TURNER | SALESMAN | 7698 | 1981-09-08 | 1500.00 | 0.00 | 30 |

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7902 | FORD | ANALYST | 7566 | 1981-12-03 | 3000.00 | NULL | 20 |

| 7934 | MILLER | CLERK | 7782 | 1982-01-23 | 1300.00 | NULL | 10 |

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

14 rows in set (0.00 sec)

mysql> select sal,job,empno,ename from emp where sal>1250;

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

| sal | job | empno | ename |

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

| 1600.00 | SALESMAN | 7499 | ALLEN |

| 2975.00 | MANAGER | 7566 | JONES |

| 2850.00 | MANAGER | 7698 | BLAKE |

| 2450.00 | MANAGER | 7782 | CLARK |

| 3000.00 | ANALYST | 7788 | SCOTT |

| 5000.00 | PRESIDENT | 7839 | KING |

| 1500.00 | SALESMAN | 7844 | TURNER |

| 3000.00 | ANALYST | 7902 | FORD |

| 1300.00 | CLERK | 7934 | MILLER |

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

9 rows in set (0.00 sec)

mysql> create view empfun

-> as

-> select sal,job,empno,ename from emp where sal>1250;

ERROR 1050 (42S01): Table 'empfun' already exists

mysql> create view empfun1

-> as

-> select sal,job,empno,ename from emp where sal>1250;

Query OK, 0 rows affected (0.01 sec)

mysql> select \* from emp;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

| 7499 | ALLEN | SALESMAN | 7698 | 1981-02-20 | 1600.00 | 300.00 | 30 |

| 7521 | WARD | SALESMAN | 7698 | 1981-02-22 | 1250.00 | 500.00 | 30 |

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

| 7654 | MARTIN | SALESMAN | 7698 | 1981-09-28 | 1250.00 | 1400.00 | 30 |

| 7698 | BLAKE | MANAGER | 7839 | 1981-05-01 | 2850.00 | NULL | 30 |

| 7782 | CLARK | MANAGER | 7839 | 1981-06-09 | 2450.00 | NULL | 10 |

| 7788 | SCOTT | ANALYST | 7566 | 1982-12-09 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 1981-11-17 | 5000.00 | NULL | 10 |

| 7844 | TURNER | SALESMAN | 7698 | 1981-09-08 | 1500.00 | 0.00 | 30 |

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7902 | FORD | ANALYST | 7566 | 1981-12-03 | 3000.00 | NULL | 20 |

| 7934 | MILLER | CLERK | 7782 | 1982-01-23 | 1300.00 | NULL | 10 |

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

14 rows in set (0.00 sec)

mysql> drop view empfun;

Query OK, 0 rows affected (0.04 sec)

mysql> drop view empfun1;

Query OK, 0 rows affected (0.01 sec)

mysql> create view empfun2

-> as

-> select sal,job,empno,ename from emp where sal>1250;

Query OK, 0 rows affected (0.02 sec)

mysql> select \* from empfun2

-> ;

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

| sal | job | empno | ename |

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

| 1600.00 | SALESMAN | 7499 | ALLEN |

| 2975.00 | MANAGER | 7566 | JONES |

| 2850.00 | MANAGER | 7698 | BLAKE |

| 2450.00 | MANAGER | 7782 | CLARK |

| 3000.00 | ANALYST | 7788 | SCOTT |

| 5000.00 | PRESIDENT | 7839 | KING |

| 1500.00 | SALESMAN | 7844 | TURNER |

| 3000.00 | ANALYST | 7902 | FORD |

| 1300.00 | CLERK | 7934 | MILLER |

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

9 rows in set (0.02 sec)

mysql> select \* from emp

-> where 3>(select count(\*)

-> from (select distinct sal from emp) e

-> where sal> e.sal) ;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

| 7499 | ALLEN | SALESMAN | 7698 | 1981-02-20 | 1600.00 | 300.00 | 30 |

| 7521 | WARD | SALESMAN | 7698 | 1981-02-22 | 1250.00 | 500.00 | 30 |

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

| 7654 | MARTIN | SALESMAN | 7698 | 1981-09-28 | 1250.00 | 1400.00 | 30 |

| 7698 | BLAKE | MANAGER | 7839 | 1981-05-01 | 2850.00 | NULL | 30 |

| 7782 | CLARK | MANAGER | 7839 | 1981-06-09 | 2450.00 | NULL | 10 |

| 7788 | SCOTT | ANALYST | 7566 | 1982-12-09 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 1981-11-17 | 5000.00 | NULL | 10 |

| 7844 | TURNER | SALESMAN | 7698 | 1981-09-08 | 1500.00 | 0.00 | 30 |

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7902 | FORD | ANALYST | 7566 | 1981-12-03 | 3000.00 | NULL | 20 |

| 7934 | MILLER | CLERK | 7782 | 1982-01-23 | 1300.00 | NULL | 10 |

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

14 rows in set (0.00 sec)

mysql> select \* from emp

-> where 3>(select count(\*)

-> from (select distinct sal from emp) e

-> where sal> e.sal) order by sal;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

| 7521 | WARD | SALESMAN | 7698 | 1981-02-22 | 1250.00 | 500.00 | 30 |

| 7654 | MARTIN | SALESMAN | 7698 | 1981-09-28 | 1250.00 | 1400.00 | 30 |

| 7934 | MILLER | CLERK | 7782 | 1982-01-23 | 1300.00 | NULL | 10 |

| 7844 | TURNER | SALESMAN | 7698 | 1981-09-08 | 1500.00 | 0.00 | 30 |

| 7499 | ALLEN | SALESMAN | 7698 | 1981-02-20 | 1600.00 | 300.00 | 30 |

| 7782 | CLARK | MANAGER | 7839 | 1981-06-09 | 2450.00 | NULL | 10 |

| 7698 | BLAKE | MANAGER | 7839 | 1981-05-01 | 2850.00 | NULL | 30 |

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

| 7788 | SCOTT | ANALYST | 7566 | 1982-12-09 | 3000.00 | NULL | 20 |

| 7902 | FORD | ANALYST | 7566 | 1981-12-03 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 1981-11-17 | 5000.00 | NULL | 10 |

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

14 rows in set (0.00 sec)

mysql> select \* from emp

-> where 3>(select count(\*)

-> from (select distinct sal from emp) e

-> where sal> e.sal)

-> order by sal desc;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7839 | KING | PRESIDENT | NULL | 1981-11-17 | 5000.00 | NULL | 10 |

| 7788 | SCOTT | ANALYST | 7566 | 1982-12-09 | 3000.00 | NULL | 20 |

| 7902 | FORD | ANALYST | 7566 | 1981-12-03 | 3000.00 | NULL | 20 |

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

| 7698 | BLAKE | MANAGER | 7839 | 1981-05-01 | 2850.00 | NULL | 30 |

| 7782 | CLARK | MANAGER | 7839 | 1981-06-09 | 2450.00 | NULL | 10 |

| 7499 | ALLEN | SALESMAN | 7698 | 1981-02-20 | 1600.00 | 300.00 | 30 |

| 7844 | TURNER | SALESMAN | 7698 | 1981-09-08 | 1500.00 | 0.00 | 30 |

| 7934 | MILLER | CLERK | 7782 | 1982-01-23 | 1300.00 | NULL | 10 |

| 7521 | WARD | SALESMAN | 7698 | 1981-02-22 | 1250.00 | 500.00 | 30 |

| 7654 | MARTIN | SALESMAN | 7698 | 1981-09-28 | 1250.00 | 1400.00 | 30 |

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

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

14 rows in set (0.00 sec)

mysql> select \* from emp

-> where 3> (select count(\*) from emp) s

-> where ;

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 's

where' at line 2

mysql> select \* from emp

-> where 3> (select count(\*) from

-> (select distinct sal from emp e)

-> where sal>e.sal

-> )

-> order by sal desc

-> limit 3;

ERROR 1248 (42000): Every derived table must have its own alias

mysql> select \* from emp

-> e where 3> (select count(\*) from

-> (select distinct sal from emp )s

-> where e.sal>s.sal)

-> order by sal desc

-> limit 3;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

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

3 rows in set (0.00 sec)

mysql> select \* from emp

-> e where 3> (select count(\*) from

-> (select distinct sal from emp )s

-> where e.sal>s.sal)

-> order by sal desc;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

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

3 rows in set (0.00 sec)

mysql> select \* from emp

-> e where 3> (select count(\*) from emp) s

-> where e.sal>s.sal);

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 's

where e.sal>s.sal)' at line 2

mysql> select \* from emp e

-> e where 3> (select count(\*) from

-> (select distinct sal from emp) s

-> where e.sal>s.sal

-> order by sal;

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 'e where 3> (select count(\*) from

(select distinct sal from emp) s

where e.sal>s.' at line 2

mysql> select \* from emp e

-> e where 3> (select count(\*) from

-> (select distinct sal from emp) s

-> where e.sal>s.sal)

-> order by sal;

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 'e where 3> (select count(\*) from

(select distinct sal from emp) s

where e.sal>s.' at line 2

mysql> select \* from emp e

-> where 3> (select count(\*) from

-> (select distinct sal from emp) s

-> where e.sal>s.sal)

-> order by sal;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

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

3 rows in set (0.00 sec)

mysql> select \* from emp e

-> e where 3> (select count(\*) from

-> (select distinct sal from emp) s

-> where e.sal<s.sal)

-> order by sal;

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 'e where 3> (select count(\*) from

(select distinct sal from emp) s

where e.sal<s.' at line 2

mysql> select \* from emp e

-> where 3> (select count(\*) from

-> (select distinct sal from emp) s

-> where e.sal>s.sal)

-> order by sal;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

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

3 rows in set (0.00 sec)

mysql> select \* from emp e

-> where 3> (select count(\*) from

-> (select distinct sal from emp) s

-> where e.sal<s.sal)

-> order by sal;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

| 7788 | SCOTT | ANALYST | 7566 | 1982-12-09 | 3000.00 | NULL | 20 |

| 7902 | FORD | ANALYST | 7566 | 1981-12-03 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 1981-11-17 | 5000.00 | NULL | 10 |

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

4 rows in set (0.00 sec)

mysql> select \*from emp e

-> where 3>(select count(\*)

-> from(select distinct sal from emp)s

-> where e.sal<s.sal;

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 '' at line 4

mysql> select \*from emp e

-> where 3>(select count(\*)

-> from(select distinct sal from emp)s

-> where e.sal<s.sal);

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

| 7788 | SCOTT | ANALYST | 7566 | 1982-12-09 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 1981-11-17 | 5000.00 | NULL | 10 |

| 7902 | FORD | ANALYST | 7566 | 1981-12-03 | 3000.00 | NULL | 20 |

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

4 rows in set (0.00 sec)

mysql> select \*from emp e

-> where 3>(select count(\*)

-> from(select distinct sal from emp)s

-> where e.sal<s.sal)

-> order by sal desc;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7839 | KING | PRESIDENT | NULL | 1981-11-17 | 5000.00 | NULL | 10 |

| 7788 | SCOTT | ANALYST | 7566 | 1982-12-09 | 3000.00 | NULL | 20 |

| 7902 | FORD | ANALYST | 7566 | 1981-12-03 | 3000.00 | NULL | 20 |

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

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

4 rows in set (0.00 sec)

mysql> select \*from emp e

-> where 3>(select count(\*)

-> from(select distinct sal from emp)s

-> where e.sal>s.sal)

-> order by sal;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

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

3 rows in set (0.00 sec)

mysql>

mysql>

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mysql>

mysql>

mysql>

mysql> select\*from emp;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

| 7499 | ALLEN | SALESMAN | 7698 | 1981-02-20 | 1600.00 | 300.00 | 30 |

| 7521 | WARD | SALESMAN | 7698 | 1981-02-22 | 1250.00 | 500.00 | 30 |

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

| 7654 | MARTIN | SALESMAN | 7698 | 1981-09-28 | 1250.00 | 1400.00 | 30 |

| 7698 | BLAKE | MANAGER | 7839 | 1981-05-01 | 2850.00 | NULL | 30 |

| 7782 | CLARK | MANAGER | 7839 | 1981-06-09 | 2450.00 | NULL | 10 |

| 7788 | SCOTT | ANALYST | 7566 | 1982-12-09 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 1981-11-17 | 5000.00 | NULL | 10 |

| 7844 | TURNER | SALESMAN | 7698 | 1981-09-08 | 1500.00 | 0.00 | 30 |

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7902 | FORD | ANALYST | 7566 | 1981-12-03 | 3000.00 | NULL | 20 |

| 7934 | MILLER | CLERK | 7782 | 1982-01-23 | 1300.00 | NULL | 10 |

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

14 rows in set (0.00 sec)

mysql> select \*from emp e

-> where 3>(select count(\*)

-> from(select distinct sal from emp)s

-> where s.sal<e.sal)

-> order by sal;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

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

3 rows in set (0.00 sec)

mysql> select \*from emp e

-> where 3>(select count(\*)

-> from(select distinct sal from emp)s

-> where s.sal>e.sal)

-> order by sal;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

| 7788 | SCOTT | ANALYST | 7566 | 1982-12-09 | 3000.00 | NULL | 20 |

| 7902 | FORD | ANALYST | 7566 | 1981-12-03 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 1981-11-17 | 5000.00 | NULL | 10 |

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

4 rows in set (0.00 sec)

mysql>

mysql> select \*from emp e

-> where 3>(select count(\*)

-> from(select distinct sal from emp)s

-> where s.sal<e.sal)

-> order by sal desc;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7876 | ADAMS | CLERK | 7788 | 1983-01-12 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 1981-12-03 | 950.00 | NULL | 30 |

| 7369 | SMITH | CLERK | 7902 | 1980-12-17 | 800.00 | NULL | 20 |

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

3 rows in set (0.00 sec)

mysql> select \*from emp e

-> where 3>(select count(\*);

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 '' at line 2

mysql> select \*from emp e

-> where 2=(select count(\*))

-> fr;

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 'fr' at line 3

mysql> select \*from e

-> where 2=(select count(\*) from

-> (select distinct sal from emp)s

-> where s.sal>e.sal

-> )

-> order by sal;

ERROR 1146 (42S02): Table 'iacsd24.e' doesn't exist

mysql> select \*from emp e

-> where 2=(select count(\*) from

-> (select distinct sal from emp)s

-> where s.sal>e.sal

-> )

-> order by sal;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

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

1 row in set (0.00 sec)

mysql> select \*from emp e

-> where 2=(select count(\*) from

-> (select distinct sal from emp)s

-> where s.sal>e.sal)

-> order by sal desc;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7566 | JONES | MANAGER | 7839 | 1981-04-02 | 2975.00 | NULL | 20 |

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

1 row in set (0.00 sec)

mysql> select \*from emp e

-> where 4=(select count(\*) from

-> (select distinct sal from emp)s

-> where s.sal>e.sal)

-> order by sal desc;

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

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

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

| 7782 | CLARK | MANAGER | 7839 | 1981-06-09 | 2450.00 | NULL | 10 |

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

1 row in set (0.00 sec)

mysql> create view testtable

-> as

-> select deptno,ename

-> from emp

-> where sal>1500;

Query OK, 0 rows affected (0.03 sec)

mysql> select\*from testtable;

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

| deptno | ename |

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

| 30 | ALLEN |

| 20 | JONES |

| 30 | BLAKE |

| 10 | CLARK |

| 20 | SCOTT |

| 10 | KING |

| 20 | FORD |

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

7 rows in set (0.00 sec)

mysql> create table vehicle(

-> vid int primary key,

-> vname varchar(30),

-> price float,

-> desc varchar(30));

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 'desc varchar(30))' at line 5

mysql> create table vehicle(

-> vid int primary key,

-> vname varchar(30),

-> price float(6,2),

-> description varchar(30));

Query OK, 0 rows affected, 1 warning (0.06 sec)

mysql> create table customer (

-> custid int primary key,

-> cname varchar (30),

-> adress varchar (30));

Query OK, 0 rows affected (0.06 sec)

mysql> create table salesman(

-> sid int primary key,

-> sname varchar(30),

-> address varchar(30));

Query OK, 0 rows affected (0.06 sec)

mysql> create table cust-vehicle(

-> cid int primary key,

-> buy\_price float(9,2),

-> custid int, vid int, sid int,

-> constraint fk\_custid foreign key(custid) references customer (custid)

-> on delete set null on update cascade,

-> constraint fk\_vid foreign key(vid) references vehicle(vid)

-> on delete set null on update cascade,

-> constraint fk\_sid1 foreign key(sid) references salesman(sid)

-> on delete set null on update cascade);

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 '-vehicle(

cid int primary key,

buy\_price float(9,2),

custid int, vid int, sid in' at line 1

mysql> create table cust\_vehicle(

-> cid int primary key,

-> buy\_price float(9,2),

-> custid int, vid int, sid int,

-> constraint fk\_custid foreign key(custid) references customer (custid)

-> on delete set null on update cascade,

-> constraint fk\_vid foreign key(vid) references vehicle(vid)

-> on delete set null on update cascade,

-> constraint fk\_sid1 foreign key(sid) references salesman(sid)

-> on delete set null on update cascade);

Query OK, 0 rows affected, 1 warning (0.15 sec)

mysql>

mysql>

mysql>

mysql> ^C

mysql> create index vehicleT

-> on vehicle(price);

Query OK, 0 rows affected (0.20 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select\*from vehicle;

Empty set (0.00 sec)

mysql> insert into vehicle(vid,vname,price,description) values(1,'Activa',80000,'white5G'),(2,'Santro',800000,'orange'),(3,'Motorbike',100000,'black');

ERROR 1264 (22003): Out of range value for column 'price' at row 1

mysql> desc vehicle;

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

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

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

| vid | int | NO | PRI | NULL | |

| vname | varchar(30) | YES | | NULL | |

| price | float(6,2) | YES | MUL | NULL | |

| description | varchar(30) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> alter table vehicle

-> modify price double;

Query OK, 0 rows affected (0.16 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc vehicle;

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

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

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

| vid | int | NO | PRI | NULL | |

| vname | varchar(30) | YES | | NULL | |

| price | double | YES | MUL | NULL | |

| description | varchar(30) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> insert into vehicle(vid,vname,price,description) values(1,'Activa',80000,'white5G'),

-> (2,'Santro',800000,'orange'),

-> (3,'Motorbike',100000,'black');

Query OK, 3 rows affected (0.06 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select \*from vehicle;

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

| vid | vname | price | description |

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

| 1 | Activa | 80000 | white5G |

| 2 | Santro | 800000 | orange |

| 3 | Motorbike | 100000 | black |

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

3 rows in set (0.00 sec)

mysql> insert into customer(custid,cname,adress) into (1,'nilima','pimpri'),(2,'ganesh','pune'),

-> (3,'pankaj','mumbai');

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 'into (1,'nilima','pimpri'),(2,'ganesh','pune'),

(3,'pankaj','mumbai')' at line 1

mysql> insert into customer(custid,cname,adress) into (1,'nilima','pimpri'),(2,'ganesh','pune'),

-> ;

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 'into (1,'nilima','pimpri'),(2,'ganesh','pune'),' at line 1

mysql> insert into customer(custid,cname,adress) values (1,'nilima','pimpri'),(2,'ganesh','pune'),

-> (3,'pankaj','mumbai');

Query OK, 3 rows affected (0.02 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select\*from customer;

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

| custid | cname | adress |

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

| 1 | nilima | pimpri |

| 2 | ganesh | pune |

| 3 | pankaj | mumbai |

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

3 rows in set (0.00 sec)

mysql>