

```

MySQL 8.0 Command Line Client - Unicode
Enter password: ****
Welcome to MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 8.0.26 MySQL Community server - GPL

Copyright (c) 2000, 2021, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
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 studentdb;
Database changed
mysql> select * from employeesdetails where deptno=30;
ERROR 1146 (42S02): Table 'studentdb.employeesdetails' doesn't exist
mysql> select * from employeeedetails;
Empty set (0.39 sec)

mysql> show tables;
+-----+
| Tables_in_studentdb |
+-----+
| domain          |
| emp             |
| employee        |
| employeeadd    |
| employeeedetails |
| employeeetatable |
| salary           |
| student          |
| studentdata      |
| teacher          |
+-----+
11 rows in set (0.23 sec)

mysql> select * from employeeetatable;
+-----+
| empno | ename | job   | hiredate | mgr | sal | comm | deptno |
+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL  | 20
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300   | 30
| 7521 | ward  | salesman | 1981-02-22 | 7698 | 1250 | 500   | 30
| 7566 | jones | manager | 1981-04-01 | 7839 | 2500 | NULL  | 20
| 7654 | martin | salesman | 1981-09-28 | 7698 | 1250 | 1400  | 30
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL  | 30
| 7782 | clark | manager | 1981-06-01 | 7839 | 2450 | NULL  | 10
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000 | NULL  | 20
+-----+
11 rows in set (0.23 sec)

Windows Taskbar: Type here to search, File, Start, Task View, Taskbar icons, System tray: 22°C, ENG, 21:35, 27-09-2021

MySQL 8.0 Command Line Client - Unicode
+-----+
| studentdata |
| teacher      |
+-----+
11 rows in set (0.23 sec)

mysql> select * from employeeetatable;
+-----+
| empno | ename | job   | hiredate | mgr | sal | comm | deptno |
+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL  | 20
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300   | 30
| 7521 | ward  | salesman | 1981-02-22 | 7698 | 1250 | 500   | 30
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL  | 20
| 7654 | martin | salesman | 1981-09-28 | 7698 | 1250 | 1400  | 30
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL  | 30
| 7782 | clark | manager | 1981-06-01 | 7839 | 2450 | NULL  | 10
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000 | NULL  | 20
| 7839 | king   | president | 1981-11-17 | NULL  | 5000 | NULL  | 10
| 7844 | turner | salesman | 1981-09-08 | 7698 | 1500 | 0     | 30
| 7876 | adams  | clerk   | 1987-05-23 | 7788 | 1100 | NULL  | 20
| 7900 | james   | clerk   | 1981-12-01 | 7698 | 950  | NULL  | 30
| 7902 | fowler  | analyst | 1981-12-03 | 7566 | 3000 | NULL  | 20
| 7934 | miller  | clerk   | 1982-01-23 | 7782 | 1300 | NULL  | 10
+-----+
14 rows in set (0.00 sec)

mysql> select * from employeeetatable where deptno=30;
+-----+
| empno | ename | job   | hiredate | mgr | sal | comm | deptno |
+-----+
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300   | 30
| 7521 | ward  | salesman | 1981-02-22 | 7698 | 1250 | 500   | 30
| 7566 | jones | manager | 1981-04-02 | 7839 | 1250 | 1400  | 30
| 7654 | martin | salesman | 1981-09-28 | 7698 | 1250 | 1400  | 30
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL  | 30
| 7844 | turner | salesman | 1981-09-08 | 7698 | 1500 | 0     | 30
| 7900 | james   | clerk   | 1981-12-03 | 7698 | 950  | NULL  | 30
+-----+
6 rows in set (0.00 sec)

mysql> select ename,empno,deptno where job='clerk';
ERROR 1054 (42S22): Unknown column 'ename' in 'field list'
mysql> select ename,empno,deptno from employeeetatable where job='clerk';
+-----+
| ename | empno | deptno |
+-----+
| smith | 7369 | 20
| adams | 7876 | 20
| james | 7900 | 30
| miller | 7934 | 10
+-----+
4 rows in set (0.00 sec)

Windows Taskbar: Type here to search, File, Start, Task View, Taskbar icons, System tray: 22°C, ENG, 21:35, 27-09-2021

```

```

MySQL 8.0 Command Line Client - Unicode
+----+----+----+
| miller | 7934 |    10 |
+----+----+----+
4 rows in set (0.00 sec)

mysql> select deptno,ename from employeetable where deptno>20;
+----+----+
| deptno | ename |
+----+----+
|      30 | allen |
|      30 | ward  |
|      30 | martin |
|      30 | blake |
|      30 | turner |
|      30 | tanabe |
+----+----+
6 rows in set (0.00 sec)

mysql> select * from employeetable where comm=salaries;
ERROR 1054 (42S22): Unknown column 'salaries' in 'where clause'
mysql> select * from employeetable where comm=sal;
+----+----+----+----+----+----+----+
| empno | ename | job   | hiredate | mgr  | sal   | comm  |
+----+----+----+----+----+----+----+
| 7654  | martin | salesman | 1981-09-28 | 7698 | 1250  | 1400  |
+----+----+----+----+----+----+----+
1 row in set (0.00 sec)

mysql> select * from employeetable where comm>0.6sal;
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 'sal
at line 1
mysql> select * from employeetable where comm>0.6*sal;
+----+----+----+----+----+----+----+
| empno | ename | job   | hiredate | mgr  | sal   | comm  |
+----+----+----+----+----+----+----+
| 7654  | martin | salesman | 1981-09-28 | 7698 | 1250  | 1400  |
+----+----+----+----+----+----+----+
1 row in set (0.00 sec)

mysql> select * from employeetable where deptno=20 and sal>2000;
+----+----+----+----+----+----+----+
| empno | ename | job   | hiredate | mgr  | sal   | comm  |
+----+----+----+----+----+----+----+
| 7566  | jones | manager | 1981-04-02 | 7839 | 2975  | NULL  |
| 7788  | scott | analyst | 1987-04-19 | 7566 | 3000  | NULL  |
| 7902  | ford   | analyst | 1981-12-03 | 7566 | 3000  | NULL  |
+----+----+----+----+----+----+----+
3 rows in set (0.00 sec)

mysql> select * from employeetable where job='salesman' and deptno=30 and sal=1500;
+----+----+----+----+----+----+----+
| empno | ename | job   | hiredate | mgr  | sal   | comm  |
+----+----+----+----+----+----+----+
+----+----+----+----+----+----+----+
1 row in set (0.00 sec)

mysql> select * from employeetable where deptno=20 and sal>2000;
+----+----+----+----+----+----+----+
| empno | ename | job   | hiredate | mgr  | sal   | comm  |
+----+----+----+----+----+----+----+
| 7566  | jones | manager | 1981-04-02 | 7839 | 2975  | NULL  |
| 7788  | scott | analyst | 1987-04-19 | 7566 | 3000  | NULL  |
| 7902  | ford   | analyst | 1981-12-03 | 7566 | 3000  | NULL  |
+----+----+----+----+----+----+----+
3 rows in set (0.00 sec)

mysql> select * from employeetable where job='salesman' and deptno=30 and sal=1500;
+----+----+----+----+----+----+----+
| empno | ename | job   | hiredate | mgr  | sal   | comm  |
+----+----+----+----+----+----+----+
| 7844  | turner | salesman | 1981-09-08 | 7698 | 1500  | 0     |
+----+----+----+----+----+----+----+
1 row in set (0.00 sec)

mysql> select * from employeetable where deptno=10 and job in(select job where job='manager'or job='clerk');
+----+----+----+----+----+----+----+
| empno | ename | job   | hiredate | mgr  | sal   | comm  |
+----+----+----+----+----+----+----+
| 7782  | clark | manager | 1981-06-09 | 7839 | 2450  | NULL  |
| 7934  | miller | clerk  | 1982-01-23 | 7782 | 1300  | NULL  |
+----+----+----+----+----+----+----+
2 rows in set (0.00 sec)

mysql> select * from employeetable where job='manager' and deptno!=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 '!'30
at line 1
mysql> select * from employeetable where job='manager' and deptno!=30;
+----+----+----+----+----+----+----+
| empno | ename | job   | hiredate | mgr  | sal   | comm  |
+----+----+----+----+----+----+----+
| 7566  | jones | manager | 1981-04-02 | 7839 | 2975  | NULL  |
| 7782  | clark | manager | 1981-06-09 | 7839 | 2450  | NULL  |
+----+----+----+----+----+----+----+
2 rows in set (0.00 sec)

mysql> select * from employeetable where job='manager' or job='clerk' and deptno=10;
+----+----+----+----+----+----+----+
| empno | ename | job   | hiredate | mgr  | sal   | comm  |
+----+----+----+----+----+----+----+
| 7566  | jones | manager | 1981-04-02 | 7839 | 2975  | NULL  |
| 7698  | blake | manager | 1981-05-01 | 7839 | 2850  | NULL  |
| 7782  | clark | manager | 1981-06-09 | 7839 | 2450  | NULL  |
| 7934  | miller | clerk  | 1982-01-23 | 7782 | 1300  | NULL  |
+----+----+----+----+----+----+----+
4 rows in set (0.00 sec)

```

```

MySQL 8.0 Command Line Client - Unicode
+-----+-----+-----+-----+-----+-----+-----+
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL |
| 7782 | clark | manager | 1981-06-09 | 7839 | 2450 | NULL |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select * from employeetable where job='manager' or job='clerk' and deptno=10;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL | 20 |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL | 30 |
| 7782 | clark | manager | 1981-06-09 | 7839 | 2450 | NULL | 10 |
| 7934 | miller | clerk | 1982-01-23 | 7782 | 1500 | NULL | 10 |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select * from employeetable where job='manager' or (job in('clerk') and deptno=20);
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL | 20 |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL | 20 |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL | 30 |
| 7782 | clark | manager | 1981-06-09 | 7839 | 2450 | NULL | 10 |
| 7876 | adams | clerk | 1987-05-23 | 7788 | 1100 | NULL | 20 |
+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from employeetable where job='manager' and deptno=10 or (job in('clerk') and deptno=20) or (job in('manager')or job in('clerk')and sal>2000);
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL | 20 |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL | 20 |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL | 30 |
| 7782 | clark | manager | 1981-06-09 | 7839 | 2450 | NULL | 10 |
| 7876 | adams | clerk | 1987-05-23 | 7788 | 1100 | NULL | 20 |
+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select ename,job,sal,deptno from employeetable where deptno=20 and sal>2000;
+-----+-----+-----+-----+
| ename | job | sal | deptno |
+-----+-----+-----+-----+
| jones | manager | 2975 | 20 |
| scott | analyst | 3000 | 20 |
| ford | analyst | 3000 | 20 |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

Windows 10 Taskbar
Type here to search 22°C 27-09-2021
21:35
MySQL 8.0 Command Line Client - Unicode
+-----+-----+-----+-----+-----+-----+
| 7876 | adams | clerk | 1987-05-23 | 7788 | 1100 | NULL | 20 |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select ename,job,sal,deptno from employeetable where deptno=20 and sal>2000;
+-----+-----+-----+-----+
| ename | job | sal | deptno |
+-----+-----+-----+-----+
| jones | manager | 2975 | 20 |
| scott | analyst | 3000 | 20 |
| ford | analyst | 3000 | 20 |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from employeetable where deptno=30 and sal>1500;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300 | 30 |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL | 30 |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select * from employeetable where job='manager' or job='president';
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL | 20 |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL | 30 |
| 7782 | clark | manager | 1981-06-09 | 7839 | 2450 | NULL | 10 |
| 7839 | king | president | 1981-11-17 | NULL | 5000 | NULL | 10 |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select * from employeetable where deptno=20 and job in (select job where job='manager' or job='clerk');
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL | 20 |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL | 20 |
| 7876 | adams | clerk | 1987-05-23 | 7788 | 1100 | NULL | 20 |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from employeetable where deptno=20 and job!='manager' and job!='clerk';
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000 | NULL | 20 |
| 7902 | ford | analyst | 1981-12-03 | 7566 | 3000 | NULL | 20 |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

Windows 10 Taskbar
Type here to search 22°C 27-09-2021
21:35

```

```

MySQL 8.0 Command Line Client - Unicode
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job  | hiredate | mgr  | sal   | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800   | NULL  | 20    |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975  | NULL  | 20    |
| 7876 | adams | clerk  | 1987-05-23 | 7788 | 1100  | NULL  | 20    |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from employeetable where deptno=20 and job!='manager' and job!='clerk';
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job  | hiredate | mgr  | sal   | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000  | NULL  | 20    |
| 7902 | ford  | analyst | 1981-12-03 | 7566 | 3000  | NULL  | 20    |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select * from employeetable where deptno=20 and job='clerk' or job='manager';
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job  | hiredate | mgr  | sal   | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800   | NULL  | 20    |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975  | NULL  | 20    |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850  | NULL  | 30    |
| 7782 | clark | manager | 1981-06-09 | 7839 | 2450  | NULL  | 10    |
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000  | NULL  | 20    |
| 7839 | king  | president | 1981-11-17 | NULL | 5000  | NULL  | 10    |
| 7876 | adams | clerk  | 1987-05-23 | 7788 | 1100  | NULL  | 20    |
+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from employeetable where sal>1200 and sal<400;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job  | hiredate | mgr  | sal   | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7521 | ward  | salesman | 1981-02-22 | 7698 | 1250  | 500   | 30    |
| 7698 | martin | salesman | 1981-09-28 | 7698 | 1250  | 1400  | 30    |
| 7934 | miller | clerk   | 1982-01-23 | 7782 | 1300  | NULL  | 10    |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from employeetable where job='manager' and deptno=20 or job='clerk' and deptno=20 or sal>2000;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job  | hiredate | mgr  | sal   | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800   | NULL  | 20    |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975  | NULL  | 20    |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850  | NULL  | 30    |
| 7782 | clark | manager | 1981-06-09 | 7839 | 2450  | NULL  | 10    |
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000  | NULL  | 20    |
| 7839 | king  | president | 1981-11-17 | NULL | 5000  | NULL  | 10    |
| 7876 | adams | clerk  | 1987-05-23 | 7788 | 1100  | NULL  | 20    |
| 7902 | ford  | analyst | 1981-12-03 | 7566 | 3000  | NULL  | 20    |
+-----+-----+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)

mysql> select * from employeetable where job='manager' and deptno=20 or job='clerk' and deptno=20 or sal>2000;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job  | hiredate | mgr  | sal   | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800   | NULL  | 20    |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975  | NULL  | 20    |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850  | NULL  | 30    |
| 7782 | clark | manager | 1981-06-09 | 7839 | 2450  | NULL  | 10    |
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000  | NULL  | 20    |
| 7839 | king  | president | 1981-11-17 | NULL | 5000  | NULL  | 10    |
| 7876 | adams | clerk  | 1987-05-23 | 7788 | 1100  | NULL  | 20    |
| 7902 | ford  | analyst | 1981-12-03 | 7566 | 3000  | NULL  | 20    |
+-----+-----+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)

mysql> select * from employeetable where job in('clerk' and 'analyst' or 'salesman');
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job  | hiredate | mgr  | sal   | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800   | NULL  | 20    |
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600  | 300   | 30    |
| 7521 | ward  | salesman | 1981-02-22 | 7698 | 1250  | 500   | 30    |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975  | NULL  | 20    |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850  | NULL  | 30    |
| 7782 | clark | manager | 1981-06-09 | 7839 | 2450  | NULL  | 10    |
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000  | NULL  | 20    |
| 7839 | king  | president | 1981-11-17 | NULL | 5000  | NULL  | 10    |
| 7876 | adams | clerk  | 1987-05-23 | 7788 | 1100  | NULL  | 20    |
| 7902 | ford  | analyst | 1981-12-03 | 7566 | 3000  | NULL  | 20    |
| 7934 | miller | clerk | 1982-01-23 | 7782 | 1300  | NULL  | 10    |
+-----+-----+-----+-----+-----+-----+-----+
14 rows in set, 16 warnings (0.06 sec)

mysql> select * from employeetable where job not in('clerk' and 'analyst' or 'salesman');
Empty set, 16 warnings (0.00 sec)

mysql> select * from employeetable where not job='clerk' and not job='analyst' or not job='salesman';
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job  | hiredate | mgr  | sal   | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800   | NULL  | 20    |
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600  | 300   | 30    |
| 7521 | ward  | salesman | 1981-02-22 | 7698 | 1250  | 500   | 30    |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975  | NULL  | 20    |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

```

```

MySQL 8.0 Command Line Client - Unicode
+-----+-----+-----+-----+-----+-----+-----+
| 7900 | james | clerk | 1981-12-08 | 7698 | 850 | NULL |
| 7499 | allen | analyst | 1981-12-03 | 7698 | 3000 | NULL |
| 7934 | miller | clerk | 1982-01-23 | 7782 | 1300 | NULL |
+-----+-----+-----+-----+-----+-----+-----+
14 rows in set, 16 warnings (0.06 sec)

mysql> select * from employeetable where job not in('clerk' and 'analyst'or'salesman');
Empty set, 16 warnings (0.00 sec)

mysql> select * from employeetable where not job='clerk' and not job='analyst' or not job='salesman';
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL | 20 |
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300 | 30 |
| 7521 | ward | salesman | 1981-02-22 | 7698 | 1250 | 500 | 30 |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL | 20 |
| 7654 | martin | salesman | 1981-09-28 | 7698 | 1250 | 1400 | 30 |
| 7683 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL | 30 |
| 7782 | clark | manager | 1981-06-09 | 7839 | 2450 | NULL | 10 |
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000 | NULL | 20 |
| 7839 | king | president | 1981-11-17 | NULL | 5000 | NULL | 10 |
| 7844 | turner | salesman | 1981-09-08 | 7698 | 1500 | 0 | 30 |
| 7876 | adams | clerk | 1981-01-23 | 7783 | 1100 | 500 | 20 |
| 7900 | james | clerk | 1981-12-03 | 7698 | 950 | NULL | 30 |
| 7920 | ford | analyst | 1981-12-03 | 7566 | 3000 | NULL | 20 |
| 7934 | miller | clerk | 1982-01-23 | 7782 | 1300 | NULL | 10 |
+-----+-----+-----+-----+-----+-----+-----+
14 rows in set (0.00 sec)

mysql> select ename from employeetable where not job='clerk' and not job='analyst' or not job='salesman';
+-----+
| ename |
+-----+
| smith |
| allen |
| ward |
| jones |
| martin |
| blake |
| clark |
| scott |
| king |
| turner |
| adams |
| james |
| ford |
| miller |
+-----+
14 rows in set (0.00 sec)

Windows Taskbar: Type here to search, 22°C, 27-09-2021, ENG, 21:35

MySQL 8.0 Command Line Client - Unicode
+-----+
| ename |
+-----+
| smith |
| allen |
| ward |
| jones |
| martin |
| blake |
| clark |
| scott |
| king |
| turner |
| adams |
| james |
| ford |
| miller |
+-----+
14 rows in set (0.00 sec)

mysql> select * from employeetable where comm is null or comm=0;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL | 20 |
| 7499 | allen | manager | 1981-04-02 | 7839 | 2850 | NULL | 20 |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL | 30 |
| 7782 | clark | manager | 1981-06-09 | 7839 | 2450 | NULL | 10 |
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000 | NULL | 20 |
| 7839 | king | president | 1981-11-17 | NULL | 5000 | NULL | 10 |
| 7844 | turner | salesman | 1981-09-08 | 7698 | 1500 | 0 | 30 |
| 7876 | adams | clerk | 1981-01-23 | 7783 | 1100 | 500 | 20 |
| 7900 | james | clerk | 1981-12-03 | 7698 | 950 | NULL | 30 |
| 7920 | ford | analyst | 1981-12-03 | 7566 | 3000 | NULL | 20 |
| 7934 | miller | clerk | 1982-01-23 | 7782 | 1300 | NULL | 10 |
+-----+-----+-----+-----+-----+-----+-----+
11 rows in set (0.00 sec)

mysql> select * from employeetable where comm=0;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300 | 30 |
| 7521 | ward | salesman | 1981-02-22 | 7698 | 1250 | 500 | 30 |
| 7654 | martin | salesman | 1981-09-28 | 7698 | 1250 | 1400 | 30 |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from employeetable where comm is null or comm<100;

```

```

MySQL 8.0 Command Line Client - Unicode
11 rows in set (0.00 sec)

mysql> select * from employeetable where comm=0;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job   | hiredate | mgr  | sal   | comm |
+-----+-----+-----+-----+-----+-----+-----+
| 7499  | allen | salesman | 1981-02-20 | 7698 | 1600  | 300  |
| 7521  | ward  | salesman | 1981-02-22 | 7698 | 1250  | 500  |
| 7654  | martin | salesman | 1981-09-28 | 7698 | 1250  | 1400 |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from employeetable where comm is null or comm<100;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job   | hiredate | mgr  | sal   | comm |
+-----+-----+-----+-----+-----+-----+-----+
| 7369  | smith | clerk  | 1980-12-17 | 7902 | 800   | NULL  |
| 7566  | jones | manager | 1981-04-02 | 7839 | 2975  | 20    |
| 7698  | blake | manager | 1981-05-01 | 7839 | 2850  | NULL  |
| 7782  | clark | manager | 1981-06-09 | 7839 | 2450  | NULL  |
| 7788  | scott | analyst | 1987-04-19 | 7566 | 3000  | NULL  |
| 7839  | king   | president | 1981-11-17 | NULL | 5000  | NULL  |
| 7844  | turner | salesman | 1981-08-08 | 7698 | 1750  | 0     |
| 7876  | adams | clerk  | 1987-05-23 | 7788 | 1100  | NULL  |
| 7900  | james  | clerk  | 1981-12-03 | 7698 | 950   | 30    |
| 7902  | ford   | analyst | 1981-12-03 | 7566 | 3000  | NULL  |
| 7934  | miller | clerk  | 1982-01-23 | 7782 | 1300  | NULL  |
+-----+-----+-----+-----+-----+-----+-----+
11 rows in set (0.00 sec)

mysql> update employeetable set sal=sal+250 where comm=null or comm<0;
Query OK, 1 row affected (0.29 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from employeetable;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job   | hiredate | mgr  | sal   | comm |
+-----+-----+-----+-----+-----+-----+-----+
| 7369  | smith | clerk  | 1980-12-17 | 7902 | 800   | NULL  |
| 7499  | allen | salesman | 1981-02-20 | 7698 | 1600  | 300  |
| 7521  | ward  | salesman | 1981-02-22 | 7698 | 1250  | 500  |
| 7566  | jones | manager | 1981-04-02 | 7839 | 2975  | 20    |
| 7654  | martin | salesman | 1981-09-28 | 7698 | 1250  | 1400 |
| 7698  | blake | manager | 1981-05-01 | 7839 | 2850  | 30    |
| 7782  | clark | manager | 1981-06-09 | 7839 | 2450  | NULL  |
| 7788  | scott | analyst | 1987-04-19 | 7566 | 3000  | NULL  |
| 7839  | king   | president | 1981-11-17 | NULL | 5000  | NULL  |
| 7844  | turner | salesman | 1981-08-08 | 7698 | 1750  | 0     |
| 7876  | adams | clerk  | 1987-05-23 | 7788 | 1100  | NULL  |
| 7900  | james  | clerk  | 1981-12-03 | 7698 | 950   | 30    |
| 7902  | ford   | analyst | 1981-12-03 | 7566 | 3000  | NULL  |
| 7934  | miller | clerk  | 1982-01-23 | 7782 | 1300  | NULL  |
+-----+-----+-----+-----+-----+-----+-----+
14 rows in set (0.05 sec)

mysql> select * from employeetable where sal>2000;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job   | hiredate | mgr  | sal   | comm |
+-----+-----+-----+-----+-----+-----+-----+
| 7566  | jones | manager | 1981-04-02 | 7839 | 2975  | 20    |
| 7698  | blake | manager | 1981-05-01 | 7839 | 2850  | 30    |
| 7782  | clark | manager | 1981-06-09 | 7839 | 2450  | 10    |
| 7788  | scott | analyst | 1987-04-19 | 7566 | 3000  | NULL  |
| 7839  | king   | president | 1981-11-17 | NULL | 5000  | NULL  |
| 7902  | ford   | analyst | 1981-12-03 | 7566 | 3000  | NULL  |
+-----+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> select ename from employeetable where ename like '%m%' or ename like 'm%';
+-----+
| ename |
+-----+
| martin |
| miller |
+-----+
2 rows in set (0.05 sec)

mysql> select ename from employeetable where ename like '%mk%';
+-----+
| ename |
+-----+
| smith |
+-----+

```

```

MySQL 8.0 Command Line Client - Unicode
2 rows in set (0.05 sec)

mysql> select ename from employeetable where ename like '%m%';
+-----+
| ename |
+-----+
| smith |
| martin |
| adams |
| james |
| miller |
+-----+
5 rows in set (0.00 sec)

mysql> select ename from employeetable where length(ename)<=15 and ename like '_r%';
Empty set (0.00 sec)

mysql> select ename from employeetable where length(ename)<=15 and ename like '_r%';
Empty set (0.00 sec)

mysql>
mysql> select * from employeetable where hiredate like '%feb%';
Empty set (0.00 sec)

mysql> select ename from employeetable where ename like '%m%';
+-----+
| ename |
+-----+
| smith |
| martin |
| adams |
| james |
| miller |
+-----+
5 rows in set (0.00 sec)

mysql> select * from employeetable where hiredate like '%2%';
+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL | 20 |
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300 | 30 |
| 7521 | ward | salesman | 1981-02-22 | 7698 | 1250 | 500 | 30 |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL | 20 |
| 7654 | martin | salesman | 1981-09-28 | 7698 | 1250 | 1200 | 30 |
| 7782 | adams | clerk | 1987-05-01 | 7698 | 1100 | NULL | 20 |
| 7900 | james | clerk | 1981-12-03 | 7698 | 950 | NULL | 30 |
| 7902 | ford | analyst | 1981-12-03 | 7566 | 3000 | NULL | 20 |
| 7934 | miller | clerk | 1982-01-23 | 7782 | 1300 | NULL | 10 |
+-----+
9 rows in set (0.00 sec)

mysql> select * from employeetable where hiredate like '%02%';
+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300 | 30 |
| 7521 | ward | salesman | 1981-02-22 | 7698 | 1250 | 500 | 30 |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL | 20 |
+-----+
3 rows in set (0.00 sec)

mysql> select * from employeetable where hiredate like '%0202%';
+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300 | 30 |
| 7521 | ward | salesman | 1981-02-22 | 7698 | 1250 | 500 | 30 |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL | 20 |
+-----+
3 rows in set (0.00 sec)

mysql> select * from employeetable where hiredate like '%0-02-20%';
+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300 | 30 |
| 7521 | ward | salesman | 1981-02-22 | 7698 | 1250 | 500 | 30 |
+-----+
2 rows in set (0.00 sec)

mysql> select ename from employeetable where length(ename)<=15 and ename like 'r%';
Empty set (0.00 sec)

mysql> select ename from employeetable where length(ename)<=15 and ename like '%r%';
+-----+
| ename |
+-----+
| ward |
| martin |
| clark |
| turner |
| ford |
| miller |
+-----+
6 rows in set (0.00 sec)

```

```

MySQL> select ename from employeetable where length(ename)<=15 and ename like '%r%';
+-----+
| ename |
+-----+
| ward |
| martin |
| Clark |
| turner |
| ford |
| miller |
+-----+
6 rows in set (0.00 sec)

MySQL> select ename from employeetable where length(ename)=5 and ename like '_%r';
Empty set (0.00 sec)

MySQL> select ename from employeetable where length(ename)=15 and ename like '_%r';
Empty set (0.00 sec)

MySQL> select * from employeetable where hiredate between 27 and 31;
Empty set, 2 warnings (0.00 sec)

MySQL> select * from employeetable where hiredate between 27- - and 31- -;
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 'and
31- -' at line 1
MySQL> select * from employeetable where hiredate between '27- -' and '31- -';
Empty set, 28 warnings (0.00 sec)

MySQL> select * from employeetable where hiredate between '%27- -' and '%31- -';
Empty set, 28 warnings (0.00 sec)

MySQL> select * from employeetable where hiredate between '%27--%' and '%31--%';
Empty set, 28 warnings (0.00 sec)

MySQL> select * from employeetable where hiredate between '%27-%' and '%31-%';
Empty set, 28 warnings (0.00 sec)

MySQL> select * from employeetable where datediff(curdate(),hiredate)>730;
+-----+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL | 20 |
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300 | 30 |
| 7521 | ward | salesman | 1981-02-22 | 7698 | 1250 | 500 | 30 |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL | 20 |
| 7654 | martin | salesman | 1981-09-28 | 7698 | 1250 | 1400 | 30 |
+-----+-----+-----+-----+-----+-----+-----+-----+
14 rows in set (0.09 sec)

MySQL> select * from employeetable where datediff(curdate(),hiredate)>730;
+-----+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL | 20 |
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300 | 30 |
| 7521 | ward | salesman | 1981-02-22 | 7698 | 1250 | 500 | 30 |
| 7566 | jones | manager | 1981-04-02 | 7839 | 2975 | NULL | 20 |
| 7654 | martin | salesman | 1981-09-28 | 7698 | 1250 | 1400 | 30 |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL | 30 |
| 7782 | clark | manager | 1981-06-01 | 7839 | 2450 | NULL | 10 |
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000 | NULL | 20 |
| 7839 | king | president | 1981-01-17 | NULL | 5000 | NULL | 10 |
| 7844 | turner | salesman | 1981-08-08 | 7788 | 1100 | 0 | 30 |
| 7876 | adams | clerk | 1987-05-23 | 7788 | 1100 | NULL | 20 |
| 7900 | james | clerk | 1981-12-03 | 7698 | 950 | NULL | 30 |
| 7902 | ford | analyst | 1981-12-03 | 7566 | 3000 | NULL | 20 |
| 7934 | miller | clerk | 1982-01-23 | 7782 | 1300 | NULL | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+
14 rows in set (0.09 sec)

MySQL> select rpad(ename,15,' ') from employeetable;
+-----+
| rpad(ename,15,' ') |
+-----+
| smith      |
| allen     |
| ward      |
| jones     |
| martin    |
| blake     |
| clark     |
| scott     |
| king      |
| turner    |
| adams    |
| jones    |
| ford      |
| miller   |
+-----+
14 rows in set (0.00 sec)

MySQL> select rpad(ename,15,'*') from employeetable;
+-----+
| rpad(ename,15,'*') |
+-----+
| smith***** |
| allen***** |
+-----+

```

```
MySQL 8.0 Command Line Client - Unicode
14 rows in set (0.00 sec)

mysql> select rpad(ename,15,'*') from employeetable;
+ rpad(ename,15,'*') +
| smith***** |
| allen***** |
| ward***** |
| jones***** |
| martin***** |
| blake***** |
| clark***** |
| scott***** |
| king***** |
| turner***** |
| adams***** |
| james***** |
| ford***** |
| miller***** |
+-----+
14 rows in set (0.00 sec)

mysql> select rpad(ename,15,'*') from employeetable;
+ rpad(ename,15,'*') +
| smith***** |
| allen***** |
| ward***** |
| jones***** |
| martin***** |
| blake***** |
| clark***** |
| scott***** |
| king***** |
| turner***** |
| adams***** |
| james***** |
| ford***** |
| miller***** |
+-----+
14 rows in set (0.00 sec)

mysql> select ename from employeetable where ename not like 'A%';
+ ename +
| smith |
| ward |
+-----+
2 rows in set (0.00 sec)

mysql> select ename from employeetable where ename not like 'A%';
+ ename +
| smith |
| ward |
| jones |
| martin |
| blake |
| clark |
| scott |
| king |
| turner |
| adams |
| james |
| ford |
| miller |
+-----+
12 rows in set (0.00 sec)

mysql> select ename from employeetable where ename not like '%R';
+ ename +
| smith |
| allen |
| ward |
| jones |
| martin |
| blake |
| clark |
| scott |
| king |
| adams |
| james |
| ford |
+-----+
12 rows in set (0.00 sec)

mysql> select concat(substring(ename,1,3),substring(reverse(ename),1,3)) from employeetable;
+ concat(substring(ename,1,3),substring(reverse(ename),1,3)) +
| smithel |
| allnel |
| wardra |
| jonsen |
| marin |
| blaeka |
+-----+
```

```

MySQL 8.0 Command Line Client - Unicode

mysql> select concat(substring(ename,1,3),substring(reverse(ename),1,3)) from employeetable;
+-----+
| concat(substring(ename,1,3),substring(reverse(ename),1,3)) |
+-----+
| smitht           |
| allenl          |
| wardra          |
| jonsen           |
| marnit           |
| blaeka           |
| cikra            |
| secco            |
| kingm            |
| turren           |
| adamsa           |
| jamsen           |
| fordro           |
| millerl          |
+-----+
14 rows in set (0.04 sec)

mysql> select * .replace(ename,'a','A') from employeetable;
+-----+
| ename | name | job | hiredate | mgr | sal | comm | deptno | replace(ename,'a','A') |
+-----+
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL | 20 | smith |
| 7499 | allen | salesman | 1981-02-20 | 7698 | 1600 | 300 | 30 | Allen |
| 7522 | ward | salesman | 1981-02-20 | 7698 | 1250 | 500 | 30 | Ward |
| 7680 | jones | manager | 1981-04-02 | 7698 | 925 | NULL | 20 | Jones |
| 7654 | martin | salesman | 1981-09-28 | 7698 | 1250 | 1400 | 30 | Martin |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL | 30 | Blake |
| 7782 | clark | manager | 1981-06-01 | 7839 | 2450 | NULL | 10 | Clark |
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000 | NULL | 20 | Scott |
| 7838 | king | president | 1981-12-17 | NULL | 5000 | NULL | 10 | King |
| 7844 | turner | salesman | 1981-08-08 | 7698 | 1150 | 0 | 30 | Turner |
| 7876 | adams | clerk | 1987-05-23 | 7788 | 1100 | NULL | 20 | Adams |
| 7900 | james | clerk | 1981-12-03 | 7698 | 950 | NULL | 30 | James |
| 7902 | ford | analyst | 1981-12-03 | 7566 | 3000 | NULL | 20 | Ford |
| 7934 | miller | clerk | 1982-01-23 | 7782 | 1300 | NULL | 10 | Miller |
+-----+
14 rows in set (0.04 sec)

mysql> select ename,position('ar' in ename) from employeetable;
+-----+
| ename | position('ar' in ename) |
+-----+
| smith | 0 |
| allen | 0 |
| ward | 2 |
+-----+

```

```

MySQL 8.0 Command Line Client - Unicode
+-----+-----+-----+-----+-----+-----+-----+-----+
| 7934 | miller | clerk | 1982-01-23 | 7782 | 1300 | NULL | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+
14 rows in set (0.04 sec)

mysql> select ename,position('ar' in ename) from employeetable;
+-----+-----+
| ename | position('ar' in ename) |
+-----+-----+
| smith | 0 |
| allen | 0 |
| ward | 2 |
| jones | 0 |
| martin | 2 |
| blake | 3 |
| clark | 0 |
| scott | 1000 |
| king | 0 |
| turner | 0 |
| adams | 0 |
| james | 0 |
| ford | 0 |
| miller | 0 |
+-----+-----+
14 rows in set (0.05 sec)

mysql> select ename,round(sal,-3) from employeetable;
+-----+-----+
| ename | round(sal,-3) |
+-----+-----+
| smith | 1000 |
| allen | 2000 |
| ward | 1000 |
| jones | 3000 |
| martin | 1000 |
| blake | 3000 |
| clark | 2000 |
| scott | 3000 |
| king | 5000 |
| turner | 2000 |
| adams | 1000 |
| james | 1000 |
| ford | 3000 |
| miller | 1000 |
+-----+-----+
14 rows in set (0.00 sec)

mysql> select * from employeetable order by ename;
+-----+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 7690 | scott | salesman | 1981-02-20 | 7908 | 1600 | 300 | 20 |
| 7691 | king | manager | 1981-03-20 | 7839 | 1600 | 300 | 30 |
| 7692 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL | 30 |
| 7782 | clark | manager | 1981-06-01 | 7839 | 2450 | NULL | 10 |
| 7902 | ford | analyst | 1981-12-03 | 7566 | 3000 | NULL | 20 |
| 7900 | james | clerk | 1981-12-03 | 7698 | 950 | NULL | 30 |
| 7566 | jones | manager | 1981-04-01 | 7839 | 2850 | NULL | 20 |
| 7839 | king | president | 1981-11-17 | NULL | 10000 | NULL | 10 |
| 7654 | martin | salesman | 1981-09-28 | 7698 | 1250 | 1400 | 30 |
| 7934 | miller | clerk | 1982-01-23 | 7782 | 1300 | NULL | 10 |
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000 | NULL | 20 |
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL | 20 |
| 7844 | turner | salesman | 1981-09-08 | 7698 | 1750 | 0 | 30 |
| 7521 | ward | salesman | 1981-02-22 | 7698 | 1250 | 500 | 30 |
+-----+-----+
14 rows in set (0.00 sec)

mysql> select * from employeetable order by ename;
+-----+-----+-----+-----+-----+-----+-----+-----+
| empno | ename | job | hiredate | mgr | sal | comm | deptno |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 7876 | adams | clerk | 1987-05-02 | 7888 | 1100 | NULL | 20 |
| 7910 | jordan | salesman | 1981-03-20 | 7698 | 1600 | 300 | 20 |
| 7698 | blake | manager | 1981-05-01 | 7839 | 2850 | NULL | 30 |
| 7782 | clark | manager | 1981-06-01 | 7839 | 2450 | NULL | 10 |
| 7902 | ford | analyst | 1981-12-03 | 7566 | 3000 | NULL | 20 |
| 7900 | james | clerk | 1981-12-03 | 7698 | 950 | NULL | 30 |
| 7566 | jones | manager | 1981-04-01 | 7839 | 2850 | NULL | 20 |
| 7839 | king | president | 1981-11-17 | NULL | 10000 | NULL | 10 |
| 7654 | martin | salesman | 1981-09-28 | 7698 | 1250 | 1400 | 30 |
| 7934 | miller | clerk | 1982-01-23 | 7782 | 1300 | NULL | 10 |
| 7788 | scott | analyst | 1987-04-19 | 7566 | 3000 | NULL | 20 |
| 7369 | smith | clerk | 1980-12-17 | 7902 | 800 | NULL | 20 |
| 7844 | turner | salesman | 1981-09-08 | 7698 | 1750 | 0 | 30 |
| 7521 | ward | salesman | 1981-02-22 | 7698 | 1250 | 500 | 30 |
+-----+-----+
14 rows in set (0.05 sec)

mysql>
```