

```
MySQL 8.0 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 45
Server version: 8.0.21 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> show databases;
+-----+
| Database |
+-----+
| employees |
| information_schema |
| mysql |
| performance_schema |
| sakila |
| sys |
| world |
+-----+
7 rows in set (0.00 sec)

mysql> use employees;
Database changed
mysql> show tables;
+-----+
| Tables_in_employees |
+-----+
| current_dept_emp |
| departments |
| dept_emp |
| dept_emp_latest_date |
| dept_manager |
| employees |
| salaries |
+-----+
8 rows in set (0.01 sec)

9:24 PM 10/1/2020
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MySQL 8.0 Command Line Client
8 rows in set (0.01 sec)

mysql> SELECT * FROM employees WHERE birth_date < '1965-01-01';
+-----+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+-----+
| 10001 | 1953-09-02 | Georgi | Simmel | M | 1986-06-26 |
| 10002 | 1964-06-02 | Bezalel | Bamford | F | 1985-11-21 |
| 10003 | 1959-12-03 | Parto | Koblick | M | 1986-08-28 |
| 10004 | 1954-05-01 | Christian | Maliniak | M | 1986-12-01 |
| 10005 | 1955-01-21 | Kyoichi | Preusig | F | 1989-09-12 |
| 10006 | 1953-04-20 | Anneke | Zielinski | F | 1989-06-02 |
| 10007 | 1957-05-23 | Tsvetan | Kalloufi | M | 1994-09-15 |
| 10008 | 1958-02-19 | Saniya | Peac | F | 1985-02-18 |
| 10009 | 1952-04-19 | Sumanth | Duangkaew | F | 1989-08-24 |
| 10010 | 1963-06-01 | Kristina | Sluis | F | 1999-01-22 |
| 10011 | 1953-11-07 | Mary | Bridgland | M | 1992-12-18 |
| 10012 | 1960-10-04 | Patricio | Terkki | M | 1985-10-20 |
| 10013 | 1963-06-07 | Eberhardt | Guoxiang | M | 1987-07-02 |
| 10015 | 1959-08-19 | Kazuhiko | Nootboom | M | 1995-01-27 |
| 10016 | 1961-05-02 | Kristina | Cappelletti | F | 1993-08-03 |
| 10017 | 1958-07-06 | Kristina | Boulocos | F | 1987-04-03 |
| 10018 | 1954-06-19 | Kazuhide | Haddadi | M | 1999-04-30 |
| 10019 | 1953-01-23 | Lillian | Warwick | M | 1991-01-26 |
| 10020 | 1952-12-24 | Mayuko | Erde | M | 1988-02-16 |
| 10021 | 1960-02-20 | Ramzi | Shahaf | M | 1995-08-22 |
| 10022 | 1952-07-08 | Bojan | Montemayor | F | 1989-12-17 |
| 10023 | 1953-09-29 | Kristina | Pettey | F | 1997-05-19 |
| 10024 | 1958-09-05 | Suzette | Heyers | M | 1987-08-17 |
| 10025 | 1958-10-31 | Prasadram | Berzins | M | 1995-03-26 |
| 10026 | 1953-04-03 | Yongqiao | Reistad | F | 1991-10-22 |
| 10027 | 1962-07-10 | Divier | Tempesti | M | 1994-02-17 |
| 10028 | 1963-11-26 | Domenick | Otmar | M | 1991-09-01 |
| 10029 | 1956-12-13 | Elvis | Herbster | M | 1985-11-20 |
| 10030 | 1958-07-14 | Karsten | Demeyer | M | 1988-09-21 |
| 10031 | 1959-01-27 | Jeong | Joslin | F | 1990-06-20 |
| 10032 | 1960-08-09 | Arif | Reistad | M | 1987-03-18 |
| 10033 | 1956-11-14 | Bader | Merlo | M | 1988-09-21 |
| 10034 | 1962-12-29 | Alain | Swan | M | 1988-09-05 |
| 10035 | 1953-02-08 | Chapplelet | Chapplelet | M | 1988-09-05 |

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MySQL 8.0 Command Line Client
+-----+-----+-----+-----+
| Hutton | M   | 1985-02-18 |
+-----+-----+-----+-----+
298069 rows in set (0.53 sec)

mysql> SELECT * FROM employees WHERE gender = 'f' AND hire_date > 1990;
+-----+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+-----+
| 9998  | 1998-09-08 | Sally      | Sawyer    | F     | 2001-02-03
| 10002 | 1964-06-02 | Bezalel    | Simmel    | F     | 1985-11-21
| 10006 | 1953-04-20 | Anneke    | Preusig   | F     | 1989-06-02
| 10007 | 1957-05-23 | Tsvetan   | Zielinski | F     | 1989-02-10
| 10009 | 1952-04-19 | Sumanit   | Peac      | F     | 1985-02-18
| 10010 | 1963-06-01 | Duangkaew  | Piveteau   | F     | 1989-08-24
| 10011 | 1953-11-07 | Mary      | Sluis     | F     | 1999-01-22
| 10017 | 1958-07-06 | Cristinel | Bouloucos | F     | 1993-08-03
| 10018 | 1954-06-19 | Kazuhide  | Peha      | F     | 1987-04-03
| 10023 | 1953-09-29 | Bojan     | Montemayor| F     | 1989-12-17
| 10024 | 1958-09-05 | Suzette   | Pettey    | F     | 1997-05-19
| 10027 | 1962-07-18 | Divier    | Reistad   | F     | 1989-07-07
| 10032 | 1968-08-09 | Jeong     | Reistad   | F     | 1990-06-20
| 10040 | 1959-09-13 | Weiyi     | Meriste   | F     | 1993-02-14
| 10041 | 1959-08-27 | Uri       | Lenart    | F     | 1989-11-12
| 10042 | 1956-02-26 | Magy      | Stamatiou | F     | 1993-03-21
| 10044 | 1961-09-21 | Mingsen   | Casley    | F     | 1994-05-21
| 10049 | 1961-04-24 | Basil     | Tramer   | F     | 1992-05-04
| 10053 | 1954-09-13 | Sanjiv    | Zschoche  | F     | 1986-02-04
| 10056 | 1961-09-01 | Brendon   | Bernini   | F     | 1999-02-01
| 10057 | 1954-05-30 | Ebbe      | Callaway  | F     | 1992-01-15
| 10059 | 1953-09-19 | Alejandro | McAlpine  | F     | 1991-06-26
| 10063 | 1952-08-06 | Gino      | Leonhardt | F     | 1989-04-08
| 10069 | 1960-09-06 | Margaretta | Bierman   | F     | 1989-11-05
| 10072 | 1952-05-15 | Hironobu  | Sidou    | F     | 1988-07-21
| 10074 | 1955-08-28 | Mokhtar   | Bernatsky | F     | 1990-08-13
| 10075 | 1960-03-09 | Gao       | Dolinsky  | F     | 1987-03-19
| 10076 | 1952-06-13 | Erez      | Ritzmann  | F     | 1985-07-09
| 10078 | 1959-12-25 | Danel     | Mondadori | F     | 1987-05-26
| 10079 | 1961-10-05 | Kshitij   | Gils      | F     | 1986-03-27
| 10087 | 1959-07-23 | Xinglin   | Eugenio   | F     | 1986-09-08
| 10088 | 1954-02-25 | Jungsoon  | Syrzycki  | F     | 1988-09-02
+-----+-----+-----+-----+
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MySQL 8.0 Command Line Client
+-----+-----+-----+-----+
| Oguz   | Gimbel    | F   | 1991-02-20 |
+-----+-----+-----+-----+
120047 rows in set, 1 warning (0.45 sec)

mysql> SELECT first_name, last_name FROM employees WHERE last_name LIKE 'f%' LIMIT 50;
+-----+-----+
| first_name | last_name |
+-----+-----+
| Shahaf    | Famili    |
| Sommath   | Foote     |
| Sudharsan | Flasterstein |
| Armond    | Fairtlough |
| Ewing     | Foong     |
| Sumali    | Fargier   |
| Badri     | Furudate  |
| Arve      | Fairtlough |
| Mohua    | Falick    |
| Pranav   | Furedi    |
| Kish      | Fasbender |
| Foong    | Flasterstein |
| Roded    | Faceello  |
| Clyde    | Fandrianto |
| Anneli   | Frijda    |
| Masoud   | Fabrizio  |
| Przemyslawa | Falby    |
| Hisao    | Famili    |
| Lalit    | Francisci |
| Heejo    | Frolund   |
| Ottmar   | Feinberg  |
| Unal     | Fendler   |
| Yuchang  | Francisci |
| Chenyi   | Feinberg  |
| Shim     | Feldhoffer |
| Ashish   | Fortenbacher |
| Fan      | Fairtlough |
| Fen      | Fiebach   |
| Ramzi   | Furudate  |
| Oscal   | Fasbender |
| Morris  | Famili    |
| Aleksander | Fioravanti |
+-----+-----+
```

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MySQL 8.0 Command Line Client
+---+---+
| Ult     | Farrar   |
| Heping  | Fontan   |
| Xiong   | Ferriere |
| Kasturi | Fraisse  |
| Jungssoon | Fiebach |
+---+---+
50 rows in set (0.01 sec)

mysql> INSERT INTO employees VALUES (100, '2000-01-01', 'Sally', 'White', 'M', '2018-01-01'), (101, '2001-01-01', 'Julia', 'Smith', 'F', '2017-01-01'), (102, '2002-01-01', 'Sasha', 'El', 'F', '2019-01-01'), (9998, '1998-09-08', 'Sally', 'Sawyer', 'F', '2001-02-03'), (9999, '2001-01-01', 'Tim', 'Smith', 'M', '2017-06-06'), (10000, '2001-01-01', 'Tom', 'Smith', 'M', '2017-06-06'), (10001, '1953-09-02', 'Georgi', 'Georgi', 'M', '1986-06-26'), (10002, '1964-06-02', 'Bezalel', 'Simmel', 'F', '1985-11-21'), (10003, '1959-12-03', 'Parto', 'Bamford', 'M', '1986-08-28'), (10004, '1954-05-01', 'Christian', 'Koblick', 'M', '1986-12-01'), (10005, '1955-01-21', 'Kyoichi', 'Maliniak', 'M', '1989-09-12'), (10006, '1953-04-20', 'Anneke', 'Preusig', 'F', '1989-06-02'), (10007, '1957-05-23', 'Tzvetan', 'Zielinski', 'F', '1989-02-10'), (10008, '1958-02-19', 'Saniya', 'Kalloufi', 'M', '1994-09-15'), (10009, '1952-04-19', 'Suman', 'Peac', 'F', '1985-02-18'), (10010, '1963-06-01', 'Duangkaew', 'Piveteau', 'F', '1989-08-24'), (10011, '1953-11-07', 'Mary', 'Sluis', 'F', '1990-01-22'), (10012, '1960-10-04', 'Patricia', 'Bridgland', 'M', '1992-12-18'), (10013, '1963-06-07', 'Eberhardt', 'Terkki', 'M', '1985-10-20'), (10015, '1959-08-19', 'Guoxiang', 'Nootboom', 'M', '1987-07-02')
+---+---+
20 rows in set (0.00 sec)


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MySQL 8.0 Command Line Client
mysql> UPDATE employees SET first_name = 'Bob' WHERE emp_no = 10023;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> SELECT * FROM employees LIMIT 50;
+---+---+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+---+---+
| 100 | 2000-01-01 | Sally | White | M | 2018-01-01 |
| 101 | 2001-01-01 | Julia | Smith | F | 2017-01-01 |
| 102 | 2002-01-01 | Sasha | El | F | 2019-01-01 |
| 9998 | 1998-09-08 | Sally | Sawyer | F | 2001-02-03 |
| 9999 | 2001-01-01 | Tim | Smith | M | 2017-06-06 |
| 10000 | 2001-01-01 | Tom | Smith | M | 2017-06-06 |
| 10001 | 1953-09-02 | Georgi | Georgi | M | 1986-06-26 |
| 10002 | 1964-06-02 | Bezalel | Simmel | F | 1985-11-21 |
| 10003 | 1959-12-03 | Parto | Bamford | M | 1986-08-28 |
| 10004 | 1954-05-01 | Christian | Koblick | M | 1986-12-01 |
| 10005 | 1955-01-21 | Kyoichi | Maliniak | M | 1989-09-12 |
| 10006 | 1953-04-20 | Anneke | Preusig | F | 1989-06-02 |
| 10007 | 1957-05-23 | Tzvetan | Zielinski | F | 1989-02-10 |
| 10008 | 1958-02-19 | Saniya | Kalloufi | M | 1994-09-15 |
| 10009 | 1952-04-19 | Suman | Peac | F | 1985-02-18 |
| 10010 | 1963-06-01 | Duangkaew | Piveteau | F | 1989-08-24 |
| 10011 | 1953-11-07 | Mary | Sluis | F | 1990-01-22 |
| 10012 | 1960-10-04 | Patricia | Bridgland | M | 1992-12-18 |
| 10013 | 1963-06-07 | Eberhardt | Terkki | M | 1985-10-20 |
| 10015 | 1959-08-19 | Guoxiang | Nootboom | M | 1987-07-02 |
| 10016 | 1961-05-02 | Kazuhito | Cappelletti | M | 1995-01-27 |
| 10017 | 1958-07-06 | Cristinel | Bouluocos | F | 1993-08-03 |
| 10018 | 1954-06-19 | Kazuhide | Peha | F | 1987-04-03 |
| 10019 | 1953-01-23 | Lillian | Haddadi | M | 1999-04-30 |
| 10020 | 1952-12-24 | Mayuko | Warwick | M | 1991-01-26 |
| 10021 | 1960-02-20 | Ramzi | Erde | M | 1988-02-10 |
| 10022 | 1952-07-08 | Shahaf | Famili | M | 1995-08-22 |
| 10023 | 1953-09-29 | Bob | Montemayor | F | 1989-12-17 |
| 10024 | 1958-09-05 | Suzette | Pettey | F | 1997-05-19 |
| 10025 | 1958-10-31 | Prasadram | Heyers | M | 1987-08-17 |
| 10026 | 1953-04-03 | Yongqiao | Berztiss | M | 1995-03-20 |
+---+---+
50 rows in set (0.00 sec)


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MySQL 8.0 Command Line Client
+-----+-----+-----+-----+
| 10045 | 1957-08-14 | Moss      | Shanbhogue | M      | 1989-09-02 |
+-----+-----+-----+-----+
50 rows in set (0.00 sec)

mysql> SELECT * FROM employees WHERE first_name LIKE 'p%' OR last_name LIKE 'p%';
+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+
| 10003 | 1959-12-03 | Parto     | Bamford   | M      | 1986-08-28
| 10006 | 1953-04-20 | Anneke    | Preusig   | F      | 1989-06-02
| 10009 | 1952-04-19 | Suman     | Peac      | F      | 1985-02-18
| 10010 | 1963-06-01 | Duangkaew  | Piveteau  | F      | 1989-08-24
| 10012 | 1960-10-04 | Patricio   | Bridgland | M      | 1992-12-18
| 10018 | 1954-06-19 | Kazuhide   | Peha     | F      | 1987-04-03
| 10024 | 1958-09-05 | Suzette   | Pettey    | F      | 1997-05-19
| 10025 | 1958-10-31 | Prasadram | Heyers   | M      | 1987-08-17
| 10036 | 1959-08-10 | Adamantios | Portugali | M      | 1992-01-03
| 10037 | 1963-07-22 | Pradeep    | Makrucki | M      | 1990-12-05
| 10062 | 1961-11-02 | Anoosh    | Peyn     | M      | 1991-08-30
| 10080 | 1957-12-03 | Premal    | Baek     | M      | 1985-11-19
| 10082 | 1963-09-09 | Parviz    | Lortz    | M      | 1990-01-03
| 10101 | 1952-04-15 | Perla     | Heyers   | F      | 1992-12-28
| 10102 | 1959-11-04 | Paraskevi | Luby     | F      | 1994-01-26
| 10105 | 1962-02-05 | Hironobu  | Piveteau | M      | 1999-03-23
| 10109 | 1958-11-25 | Mariusz   | Prampolini | F      | 1993-06-16
| 10119 | 1960-12-01 | Domenick  | Peltason | M      | 1986-03-14
| 10129 | 1955-12-02 | Armond    | Peir     | M      | 1985-12-10
| 10136 | 1961-09-14 | Zissis    | Pintelas | M      | 1986-02-11
| 10138 | 1955-04-24 | Perry     | Shimshoni | M      | 1986-09-18
| 10149 | 1953-05-20 | Xiadong   | Perry    | F      | 1986-11-05
| 10150 | 1955-01-29 | Zhenbing  | Perng    | F      | 1986-11-16
| 10177 | 1954-11-08 | Pragnesh  | Iisaka   | M      | 1993-02-06
| 10198 | 1953-05-28 | Pranav    | Furedi   | M      | 1985-08-31
| 10226 | 1964-12-28 | Xinglin   | Plessier | M      | 1989-10-27
| 10243 | 1960-12-22 | Wonhee   | Pouyiatas | M      | 1985-11-24
| 10274 | 1957-08-23 | Dmitri   | Pearson  | F      | 1991-04-21
| 10285 | 1956-09-21 | Zhonghui  | Preusig  | F      | 1995-02-27
| 10287 | 1963-11-28 | Marie    | Pietracaprina | M      | 1992-12-28
| 10288 | 1959-06-02 | Selwyn   | Perri    | M      | 1994-08-29
| 10289 | 1956-11-30 | Shay     | Poukakidas | M      | 1990-06-06
+-----+-----+-----+-----+
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MySQL 8.0 Command Line Client
+-----+-----+-----+-----+
31565 rows in set (0.43 sec)

mysql> UPDATE employees SET hire_date = '2002-01-01' WHERE first_name LIKE 'p%' OR last_name LIKE 'p%';
Query OK, 31565 rows affected (1.42 sec)
Rows matched: 31565  Changed: 31565  Warnings: 0

mysql> SELECT * FROM employees WHERE first_name LIKE 'p%' OR last_name LIKE 'p%';
+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+
| 10003 | 1959-12-03 | Parto     | Bamford   | M      | 2002-01-01
| 10006 | 1953-04-20 | Anneke    | Preusig   | F      | 2002-01-01
| 10009 | 1952-04-19 | Suman     | Peac      | F      | 2002-01-01
| 10010 | 1963-06-01 | Duangkaew  | Piveteau  | F      | 2002-01-01
| 10012 | 1960-10-04 | Patricio   | Bridgland | M      | 2002-01-01
| 10018 | 1954-06-19 | Kazuhide   | Peha     | F      | 2002-01-01
| 10024 | 1958-09-05 | Suzette   | Pettey    | F      | 2002-01-01
| 10025 | 1958-10-31 | Prasadram | Heyers   | M      | 2002-01-01
| 10036 | 1959-08-10 | Adamantios | Portugali | M      | 2002-01-01
| 10037 | 1963-07-22 | Pradeep    | Makrucki | M      | 2002-01-01
| 10062 | 1961-11-02 | Anoosh    | Peyn     | M      | 2002-01-01
| 10080 | 1957-12-03 | Premal    | Baek     | M      | 2002-01-01
| 10082 | 1963-09-09 | Parviz    | Lortz    | M      | 2002-01-01
| 10101 | 1952-04-15 | Perla     | Heyers   | F      | 2002-01-01
| 10102 | 1959-11-04 | Paraskevi | Luby     | F      | 2002-01-01
| 10105 | 1962-02-05 | Hironobu  | Piveteau | M      | 2002-01-01
| 10109 | 1958-11-25 | Mariusz   | Prampolini | F      | 2002-01-01
| 10119 | 1960-12-01 | Domenick  | Peltason | M      | 2002-01-01
| 10129 | 1955-12-02 | Armond    | Peir     | M      | 2002-01-01
| 10136 | 1961-09-14 | Zissis    | Pintelas | M      | 2002-01-01
| 10138 | 1955-04-24 | Perry     | Shimshoni | M      | 2002-01-01
| 10149 | 1953-05-20 | Xiadong   | Perry    | F      | 2002-01-01
| 10150 | 1955-01-29 | Zhenbing  | Perng    | F      | 2002-01-01
| 10177 | 1954-11-08 | Pragnesh  | Iisaka   | M      | 2002-01-01
| 10198 | 1953-05-28 | Pranav    | Furedi   | M      | 2002-01-01
| 10226 | 1964-12-28 | Xinglin   | Plessier | M      | 2002-01-01
| 10243 | 1960-12-22 | Wonhee   | Pouyiatas | M      | 2002-01-01
| 10274 | 1957-08-23 | Dmitri   | Pearson  | F      | 2002-01-01
| 10285 | 1956-09-21 | Zhonghui  | Preusig  | F      | 2002-01-01
+-----+-----+-----+-----+
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MySQL 8.0 Command Line Client
+-----+-----+-----+-----+-----+-----+
| 11506 | 1955-06-16 | Rance   | Picel    | F   | 2002-01-01 |
| 11520 | 1958-01-01 | Pranas  | Jervis   | F   | 2002-01-01 |
| 11522 | 1957-05-24 | Yishay   | Peris    | M   | 2002-01-01 |
| 11523 | 1953-01-25 | Yuguang  | Pezzoli  | F   | 2002-01-01 |
| 11536 | 1959-10-07 | Mahmut   | Pintelas | F   | 2002-01-01 |
| 11537 | 1955-06-29 | DAIDA   | Pehl     | M   | 2002-01-01 |
| 11540 | 1954-01-26 | Chanjung | Portugali| M   | 2002-01-01 |
| 11555 | 1955-08-05 | Kotesh   | Perfilyeva| M   | 2002-01-01 |
| 11557 | 1959-12-22 | Candido  | Pesch    | F   | 2002-01-01 |
| 11573 | 1952-12-18 | Pranas   | Hutton   | F   | 2002-01-01 |
| 11575 | 1955-02-22 | Godehard | Plotkin  | F   | 2002-01-01 |
| 11581 | 1953-04-12 | Patricio | Rosenbaum| F   | 2002-01-01 |
| 11584 | 1956-03-20 | Pradeep   | Waymire  | F   | 2002-01-01 |
| 11588 | 1952-07-20 | Kaijung   | Panangaden| M   | 2002-01-01 |
| 11589 | 1955-01-19 | Gina     | Plessien  | F   | 2002-01-01 |
| 11594 | 1962-01-30 | Pradeep   | Butner   | M   | 2002-01-01 |
| 11600 | 1961-07-18 | Yurij    | Pardalos | M   | 2002-01-01 |
| 11606 | 1952-11-05 | Perry    | Pepe     | M   | ^C -- query aborted
2002-01-01 |
+-----+-----+-----+-----+-----+-----+
31565 rows in set (0.42 sec)

mysql> SELECT * FROM employees WHERE emp_no < 10000;
+-----+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+-----+
| 100 | 2000-01-01 | Sally     | White    | M   | 2018-01-01 |
| 101 | 2001-01-01 | Julia     | Smith    | F   | 2017-01-01 |
| 102 | 2002-01-01 | Sasha     | El       | F   | 2019-01-01 |
| 9998 | 1998-09-08 | Sally     | Sawyer  | F   | 2001-02-03 |
| 9999 | 2001-01-01 | Tim      | Smith    | M   | 2017-06-06 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> DELETE FROM employees WHERE emp_no < 10000;
Query OK, 5 rows affected (0.01 sec)

mysql> SELECT * FROM employees WHERE emp_no < 10000;
Empty set (0.00 sec)


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MySQL 8.0 Command Line Client
Empty set (0.00 sec)

mysql> SELECT * FROM employees LIMIT 10;
+-----+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+-----+
| 10000 | 2001-01-01 | Tom      | Smith    | M   | 2017-06-06 |
| 10001 | 1953-09-02 | Georgi   | Georgi   | M   | 1986-06-26 |
| 10002 | 1964-06-02 | Bezalel   | Simmel   | F   | 1985-11-21 |
| 10003 | 1959-12-03 | Parto    | Bamford  | M   | 2002-01-01 |
| 10004 | 1954-05-01 | Chirstian | Kobllick | M   | 1986-12-01 |
| 10005 | 1955-01-21 | Kyioichi  | Maliniak | M   | 1989-09-12 |
| 10006 | 1953-04-20 | Anneke   | Preusig  | F   | 2002-01-01 |
| 10007 | 1957-05-23 | Tzvetan  | Zielinski| F   | 1989-02-10 |
| 10008 | 1958-02-19 | Saniya   | Kalloufi | M   | 1994-09-15 |
| 10009 | 1952-04-19 | Sumant   | Peac     | F   | 2002-01-01 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql> SELECT * FROM employees WHERE emp_no = '10048, 10099, 10234, 20089';
'>
'> SELECT * FROM employees WHERE emp_no = '10048, 10099, 10234, 20089';
'> SELECT * FROM employees WHERE emp_no = 10048, 10099, 10234, 20089;
'> SELECT * FROM employees WHERE emp_no = 10048 AND emp_no = 10099 AND emp_no = 10234 AND emp_no = 20089;
'> ^C
mysql> SELECT * FROM employees WHERE emp_no = 10048 AND emp_no = 10099 AND emp_no = 10234 AND emp_no = 20089;
ERROR 1054 (42S22): Unknown column 'emp_no' in 'where clause'
mysql> SELECT * FROM employees WHERE emp_no = 10048 AND emp_no = 10099 AND emp_no = 10234 AND emp_no = 20089;
Empty set (0.00 sec)

mysql> SELECT * FROM employees WHERE emp_no = 10048, 10099, 10234, 20089;
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 ', 10099, 10234, 20089' at line 1
mysql> SELECT * FROM employees WHERE emp_no = 10048;
+-----+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+-----+
-> 8 | 1963-07-11 | Florian   | Syrotiuk  | M   | 1985-02-24 |
-> C^C-----+-----+
mysql> n set (0.00 sec)


```

```
MySQL 8.0 Command Line Client

mysql> DELETE FROM employees WHERE emp_no = 10048;
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM employees WHERE emp_no >= 10045 LIMIT 7;
+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+
| 10045 | 1957-08-14 | Moss       | Shanbhogue | M     | 1989-09-02 |
| 10046 | 1960-07-23 | Lucien     | Rosenbaum   | M     | 1992-06-20 |
| 10047 | 1952-06-29 | Zvonko    | Nyanchama   | M     | 1989-03-31 |
| 10049 | 1961-04-24 | Basil      | Tramer     | F     | 1992-05-04 |
| 10050 | 1958-05-21 | Yinghua    | Dredge     | M     | 1990-12-25 |
| 10051 | 1953-07-28 | Hidefumi   | Caine      | M     | 1992-10-15 |
| 10052 | 1961-02-26 | Heping     | Nitsch     | M     | 1988-05-21 |
+-----+-----+-----+-----+
7 rows in set (0.01 sec)

mysql> SELECT * FROM employees WHERE emp_no = 10099;
+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+
| 10099 | 1956-05-25 | Valter    | Sullins   | F     | 1988-10-18 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> DELETE FROM employees WHERE emp_no = 10099;
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM employees WHERE emp_no <= 10103 LIMIT 5;
+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+
| 10000 | 2001-01-01 | Tom        | Smith     | M     | 2017-06-06 |
| 10001 | 1953-09-02 | Georgi     | Georgi    | M     | 1986-06-26 |
| 10002 | 1964-06-02 | Bezalel    | Simmel    | F     | 1985-11-21 |
| 10003 | 1959-12-03 | Parto      | Bamford   | M     | 2002-01-01 |
| 10004 | 1954-05-01 | Chirstian  | Koblick   | M     | 1986-12-01 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
MySQL 8.0 Command Line Client

mysql> SELECT * FROM employees WHERE emp_no >= 10098 LIMIT 7;
+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+
| 10098 | 1961-09-23 | Sreekrishna | Servieres | F     | 1985-05-13 |
| 10100 | 1953-04-21 | Hironobu   | Haraldson | F     | 1987-09-21 |
| 10101 | 1952-04-15 | Perla      | Heyers    | F     | 2002-01-01 |
| 10102 | 1959-11-04 | Paraskevi  | Luby      | F     | 2002-01-01 |
| 10103 | 1953-11-26 | Akemi      | Birch     | M     | 1986-12-02 |
| 10104 | 1961-11-19 | Xinyu      | Warwick   | M     | 1987-04-16 |
| 10105 | 1962-02-05 | Hironoboy  | Piveteau  | M     | 2002-01-01 |
+-----+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> SELECT * FROM employees WHERE emp_no = 10234;
+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+
| 10234 | 1961-01-18 | Arunachalam | Bakhtari  | M     | 1990-11-19 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> DELETE FROM employees WHERE emp_no = 10234;
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM employees WHERE emp_no > 10230 AND emp_no < 10238;
+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+
| 10231 | 1963-07-21 | Shaowen    | Desikan   | F     | 1996-04-13 |
| 10232 | 1956-03-11 | Marko      | Auria    | F     | 1992-06-04 |
| 10233 | 1954-04-01 | Lein       | Vendrig   | F     | 1985-07-05 |
| 10235 | 1958-03-27 | Susanta    | Roccatelli | F     | 1995-04-06 |
| 10236 | 1960-03-26 | Susumu    | Bade     | F     | 1996-08-30 |
| 10237 | 1952-09-22 | Yannis     | Mandell   | F     | 1989-08-11 |
+-----+-----+-----+-----+
6 rows in set (0.01 sec)

mysql> SELECT * FROM employees WHERE emp_no > 20085 AND emp_no < 20092;
```

```
MySQL 8.0 Command Line Client
+-----+-----+-----+-----+
| 10237 | 1952-09-22 | Yannis      | Mandell    | F          | 1989-08-11 |
+-----+-----+-----+-----+
6 rows in set (0.01 sec)

mysql> SELECT * FROM employees WHERE emp_no > 20085 AND emp_no < 20092;
+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+
| 20086 | 1955-05-31 | Richara     | Hanllee    | M       | 1989-03-21 |
| 20087 | 1963-01-28 | Hatsukazu   | Ullian     | M       | 1994-07-21 |
| 20088 | 1964-03-29 | Hugh        | Panienski  | M       | 2002-01-01 |
| 20089 | 1953-11-29 | Unal        | Merli      | M       | 1991-12-14 |
| 20090 | 1957-05-20 | Serenella   | Kaltofen   | F       | 1986-06-24 |
| 20091 | 1954-03-02 | Janalee     | Bach       | M       | 1987-05-13 |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> DELETE FROM employees WHERE emp_no = 20089;
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM employees WHERE emp_no > 20085 AND emp_no < 20092;
+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+
| 20086 | 1955-05-31 | Richara     | Harilee   | M       | 1989-03-21 |
| 20087 | 1963-01-28 | Hatsukazu   | Ullian    | M       | 1994-07-21 |
| 20088 | 1964-03-29 | Hugh        | Panienski | M       | 2002-01-01 |
| 20090 | 1957-05-20 | Serenella   | Kaltofen  | F       | 1986-06-24 |
| 20091 | 1954-03-02 | Janalee     | Bach      | M       | 1987-05-13 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql>
```

