mysql> use fsd01march

Database changed

mysql> show tables;

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

| Tables\_in\_fsd01march |

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

| emp\_backup |

| employee |

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

2 rows in set (0.12 sec)

mysql> DROP TABLE emp\_backup;

Query OK, 0 rows affected (0.10 sec)

mysql> show tables;

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

| Tables\_in\_fsd01march |

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

| employee |

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

1 row in set (0.00 sec)

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 34534.34 | M | 1 | 2021-05-10 |

| 21 | Xyz | 24514.14 | F | 1 | 2020-03-15 |

| 12 | Pqr | NULL | F | 1 | NULL |

| 1 | Lmn | 56544.33 | M | 0 | 2005-05-10 |

| 11 | Stu | 76544.33 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 16544.33 | M | 0 | 2022-12-01 |

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

6 rows in set (0.02 sec)

mysql> SELECT id,name FROM employee;

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

| id | name |

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

| 121 | Abc |

| 21 | Xyz |

| 12 | Pqr |

| 1 | Lmn |

| 11 | Stu |

| 15 | Demo1 |

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

6 rows in set (0.00 sec)

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 34534.34 | M | 1 | 2021-05-10 |

| 21 | Xyz | 24514.14 | F | 1 | 2020-03-15 |

| 12 | Pqr | NULL | F | 1 | NULL |

| 1 | Lmn | 56544.33 | M | 0 | 2005-05-10 |

| 11 | Stu | 76544.33 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 16544.33 | M | 0 | 2022-12-01 |

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

6 rows in set (0.00 sec)

mysql> UPDATE employee SET sal=80000 WHERE id=11;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 34534.34 | M | 1 | 2021-05-10 |

| 21 | Xyz | 24514.14 | F | 1 | 2020-03-15 |

| 12 | Pqr | NULL | F | 1 | NULL |

| 1 | Lmn | 56544.33 | M | 0 | 2005-05-10 |

| 11 | Stu | 80000 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 16544.33 | M | 0 | 2022-12-01 |

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

6 rows in set (0.00 sec)

mysql> UPDATE employee SET sal=40000, doj=now() WHERE id=12;

Query OK, 1 row affected, 1 warning (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 1

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 34534.34 | M | 1 | 2021-05-10 |

| 21 | Xyz | 24514.14 | F | 1 | 2020-03-15 |

| 12 | Pqr | 40000 | F | 1 | 2023-05-11 |

| 1 | Lmn | 56544.33 | M | 0 | 2005-05-10 |

| 11 | Stu | 80000 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 16544.33 | M | 0 | 2022-12-01 |

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

6 rows in set (0.00 sec)

mysql> select now();

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

| now() |

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

| 2023-05-11 09:00:20 |

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

1 row in set (0.00 sec)

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 34534.34 | M | 1 | 2021-05-10 |

| 21 | Xyz | 24514.14 | F | 1 | 2020-03-15 |

| 12 | Pqr | 40000 | F | 1 | 2023-05-11 |

| 1 | Lmn | 56544.33 | M | 0 | 2005-05-10 |

| 11 | Stu | 80000 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 16544.33 | M | 0 | 2022-12-01 |

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

6 rows in set (0.00 sec)

mysql> seelct (100/5)\*100;

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 'seelct (100/5)\*100' at line 1

mysql> select (100/5)\*100;

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

| (100/5)\*100 |

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

| 2000.0000 |

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

1 row in set (0.00 sec)

mysql> select (100/100)\*5;

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

| (100/100)\*5 |

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

| 5.0000 |

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

1 row in set (0.00 sec)

mysql> select 100\*0.05;

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

| 100\*0.05 |

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

| 5.00 |

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

1 row in set (0.00 sec)

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 34534.34 | M | 1 | 2021-05-10 |

| 21 | Xyz | 24514.14 | F | 1 | 2020-03-15 |

| 12 | Pqr | 40000 | F | 1 | 2023-05-11 |

| 1 | Lmn | 56544.33 | M | 0 | 2005-05-10 |

| 11 | Stu | 80000 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 16544.33 | M | 0 | 2022-12-01 |

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

6 rows in set (0.00 sec)

mysql> UPDATE employee SET sal = sal + (sal\*0.05);

Query OK, 6 rows affected (0.01 sec)

Rows matched: 6 Changed: 6 Warnings: 0

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 25739.846999999998 | F | 1 | 2020-03-15 |

| 12 | Pqr | 42000 | F | 1 | 2023-05-11 |

| 1 | Lmn | 59371.546500000004 | M | 0 | 2005-05-10 |

| 11 | Stu | 84000 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

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

6 rows in set (0.00 sec)

mysql> UPDATE employee SET sal = sal + (sal\*0.05) WHERE gender='F';

Query OK, 3 rows affected (0.01 sec)

Rows matched: 3 Changed: 3 Warnings: 0

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 1 | Lmn | 59371.546500000004 | M | 0 | 2005-05-10 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

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

6 rows in set (0.00 sec)

mysql> DELETE FROM employee WHERE id=1;

Query OK, 1 row affected (0.01 sec)

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

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

5 rows in set (0.00 sec)

mysql> SELECT id,name,sal FROM employee;

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

| id | name | sal |

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

| 121 | Abc | 36261.05699999999 |

| 21 | Xyz | 27026.83935 |

| 12 | Pqr | 44100 |

| 11 | Stu | 88200 |

| 15 | Demo1 | 17371.5465 |

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

5 rows in set (0.00 sec)

mysql> SELECT id,name,sal AS Salary FROM employee;

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

| id | name | Salary |

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

| 121 | Abc | 36261.05699999999 |

| 21 | Xyz | 27026.83935 |

| 12 | Pqr | 44100 |

| 11 | Stu | 88200 |

| 15 | Demo1 | 17371.5465 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE status=true;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

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

4 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE status=false;

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

| id | name | sal | gender | status | doj |

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

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

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

1 row in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE sal<50000;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

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

4 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE sal<50000 AND status=true;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

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

3 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE sal<50000 AND status=true AND gender='M'

-> ;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

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

1 row in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE sal<50000 AND status=true AND gender='F';

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

| id | name | sal | gender | status | doj |

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

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

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

2 rows in set (0.00 sec)

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

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

5 rows in set (0.00 sec)

mysql> INSERT INTO employee VALUES

-> (4,'Demo2',14223.4,'M',true,'2019-05-12'),

-> (8,'Demo3',42223.4,'F',false,'2020-07-22');

Query OK, 2 rows affected (0.01 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE name='Demo';

Empty set (0.00 sec)

mysql> SELECT \* FROM employee WHERE name LIKE 'Demo%';

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

| id | name | sal | gender | status | doj |

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

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

3 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE doj LIKE '2020%';

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

| id | name | sal | gender | status | doj |

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

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

2 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE doj LIKE '%05%';

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

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

3 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE doj LIKE '%15';

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

| id | name | sal | gender | status | doj |

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

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

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

2 rows in set (0.00 sec)

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM employee limit 3;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

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

3 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE id=4 OR id=8 OR id=11 OR id=12;

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

| id | name | sal | gender | status | doj |

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

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

4 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE id IN (4,8,11,12);

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

| id | name | sal | gender | status | doj |

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

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

4 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE id>1 AND id<20;

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

| id | name | sal | gender | status | doj |

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

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE id BETWEEN 1 AND 20;

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

| id | name | sal | gender | status | doj |

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

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE id BETWEEN 1 AND 20;

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

| id | name | sal | gender | status | doj |

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

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM employee WHERE id>1 AND id<20;

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

| id | name | sal | gender | status | doj |

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

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM employee;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM employee ORDER BY id;

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

| id | name | sal | gender | status | doj |

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

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM employee ORDER BY id ASC;

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

| id | name | sal | gender | status | doj |

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

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM employee ORDER BY id DESC;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM employee ORDER BY gender;

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

| id | name | sal | gender | status | doj |

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

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM employee ORDER BY gender, id;

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

| id | name | sal | gender | status | doj |

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

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM employee ORDER BY gender DESC, id ASC;

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

| id | name | sal | gender | status | doj |

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

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM employee ORDER BY gender DESC, id DESC;

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

| id | name | sal | gender | status | doj |

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

| 121 | Abc | 36261.05699999999 | M | 1 | 2021-05-10 |

| 15 | Demo1 | 17371.5465 | M | 0 | 2022-12-01 |

| 4 | Demo2 | 14223.4 | M | 1 | 2019-05-12 |

| 21 | Xyz | 27026.83935 | F | 1 | 2020-03-15 |

| 12 | Pqr | 44100 | F | 1 | 2023-05-11 |

| 11 | Stu | 88200 | F | 1 | 2008-12-15 |

| 8 | Demo3 | 42223.4 | F | 0 | 2020-07-22 |

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

7 rows in set (0.00 sec)

mysql>