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

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

Your MySQL connection id is 8

Server version: 8.0.42 MySQL Community Server - GPL

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owners.

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

mysql> create database lab19

-> ;

Query OK, 1 row affected (0.01 sec)

mysql> use lab19

Database changed

mysql> create table employee(EID int,NAME char(20),DEPT\_NO int,QUAL varchar(10),GENDER char(1),DOJ date)

-> ;

Query OK, 0 rows affected (0.02 sec)

mysql> insert into Employee values(1,"DEEPANJALI GUPTA",101,"MCA","F","2001-02-03")

-> ;

Query OK, 1 row affected (0.01 sec)

mysql> insert into Employee values(1,"RAJAT TYAGI",101,"BCA","M","2001-11-05");

Query OK, 1 row affected (0.00 sec)

mysql> insert into Employee values(3,"HARI MOHAN",102,"BA","M","2019-10-12");

Query OK, 1 row affected (0.00 sec)

mysql> insert into Employee values(4,"HARRY S",102,"MA","M","2018-01-03");

Query OK, 1 row affected (0.00 sec)

mysql> insert into Employee value(5,"SUMIT MITTAL",103,"B.TECH","M","2017-01-03");

Query OK, 1 row affected (0.00 sec)

mysql> insert into Employee values(6,null,101,"M.TECH","F","2020-11-25")7

-> ;

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 '7' at line 1

mysql> insert into Employee values(6,null,101,"M.TECH","F","2020-11-25");

Query OK, 1 row affected (0.00 sec)

mysql> show tables

-> ;

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

| Tables\_in\_lab19 |

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

| employee |

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

1 row in set (0.01 sec)

mysql> select \* from employess;

ERROR 1146 (42S02): Table 'lab19.employess' doesn't exist

mysql> select \* from employee

-> ;

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

| EID | NAME | DEPT\_NO | QUAL | GENDER | DOJ |

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

| 1 | DEEPANJALI GUPTA | 101 | MCA | F | 2001-02-03 |

| 1 | RAJAT TYAGI | 101 | BCA | M | 2001-11-05 |

| 3 | HARI MOHAN | 102 | BA | M | 2019-10-12 |

| 4 | HARRY S | 102 | MA | M | 2018-01-03 |

| 5 | SUMIT MITTAL | 103 | B.TECH | M | 2017-01-03 |

| 6 | NULL | 101 | M.TECH | F | 2020-11-25 |

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

6 rows in set (0.00 sec)

mysql> select \* from employee where GENDER = "M" and QUAL="BCA"

-> ;

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

| EID | NAME | DEPT\_NO | QUAL | GENDER | DOJ |

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

| 1 | RAJAT TYAGI | 101 | BCA | M | 2001-11-05 |

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

1 row in set (0.00 sec)

mysql> select DEPT\_NO,cout(DEPT\_NO) from employee group by DEPT\_NO;

ERROR 1305 (42000): FUNCTION lab19.cout does not exist

mysql> select DEPT\_NO,count(DEPT\_NO) from employee group by DEPT\_NO;

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

| DEPT\_NO | count(DEPT\_NO) |

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

| 101 | 3 |

| 102 | 2 |

| 103 | 1 |

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

3 rows in set (0.00 sec)

mysql> select \* from employee where year(doj between 2000 and 2018);

Empty set, 2 warnings (0.00 sec)

mysql> select \* from employee where year(doj) between 2000 and 2018;

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

| EID | NAME | DEPT\_NO | QUAL | GENDER | DOJ |

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

| 1 | DEEPANJALI GUPTA | 101 | MCA | F | 2001-02-03 |

| 1 | RAJAT TYAGI | 101 | BCA | M | 2001-11-05 |

| 4 | HARRY S | 102 | MA | M | 2018-01-03 |

| 5 | SUMIT MITTAL | 103 | B.TECH | M | 2017-01-03 |

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

4 rows in set (0.00 sec)

mysql> select distinct DEPT\_NO from employee;

+---------+

| DEPT\_NO |

+---------+

| 101 |

| 102 |

| 103 |

+---------+

3 rows in set (0.00 sec)

mysql> select \* from employee where month(doj)="02";

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

| EID | NAME | DEPT\_NO | QUAL | GENDER | DOJ |

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

| 1 | DEEPANJALI GUPTA | 101 | MCA | F | 2001-02-03 |

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

1 row in set (0.00 sec)

mysql> update employee set doj="2017-02-03" where EID=5;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from employee;

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

| EID | NAME | DEPT\_NO | QUAL | GENDER | DOJ |

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

| 1 | DEEPANJALI GUPTA | 101 | MCA | F | 2001-02-03 |

| 1 | RAJAT TYAGI | 101 | BCA | M | 2001-11-05 |

| 3 | HARI MOHAN | 102 | BA | M | 2019-10-12 |

| 4 | HARRY S | 102 | MA | M | 2018-01-03 |

| 5 | SUMIT MITTAL | 103 | B.TECH | M | 2017-02-03 |

| 6 | NULL | 101 | M.TECH | F | 2020-11-25 |

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

6 rows in set (0.00 sec)

mysql> select \* from employee where month(doj)="02";

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

| EID | NAME | DEPT\_NO | QUAL | GENDER | DOJ |

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

| 1 | DEEPANJALI GUPTA | 101 | MCA | F | 2001-02-03 |

| 5 | SUMIT MITTAL | 103 | B.TECH | M | 2017-02-03 |

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

2 rows in set (0.00 sec)

mysql> select dept\_no from employee group by deptno having count(deptno)>2;

ERROR 1054 (42S22): Unknown column 'deptno' in 'group statement'

mysql> select dept\_no from employee group by deptno having count(dept\_no)>2;

ERROR 1054 (42S22): Unknown column 'deptno' in 'group statement'

mysql> select dept\_no from employee group by dept\_no having count(dept\_no)>2;

+---------+

| dept\_no |

+---------+

| 101 |

+---------+

1 row in set (0.00 sec)

mysql> select \* from employee where QUAL IN("B.TECH","M.TECH","BCA");

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

| EID | NAME | DEPT\_NO | QUAL | GENDER | DOJ |

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

| 1 | RAJAT TYAGI | 101 | BCA | M | 2001-11-05 |

| 5 | SUMIT MITTAL | 103 | B.TECH | M | 2017-02-03 |

| 6 | NULL | 101 | M.TECH | F | 2020-11-25 |

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

3 rows in set (0.00 sec)

mysql> update employee set QUAL="M.TECH" where name="SUMIT MITTAL";

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from employee;

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

| EID | NAME | DEPT\_NO | QUAL | GENDER | DOJ |

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

| 1 | DEEPANJALI GUPTA | 101 | MCA | F | 2001-02-03 |

| 1 | RAJAT TYAGI | 101 | BCA | M | 2001-11-05 |

| 3 | HARI MOHAN | 102 | BA | M | 2019-10-12 |

| 4 | HARRY S | 102 | MA | M | 2018-01-03 |

| 5 | SUMIT MITTAL | 103 | M.TECH | M | 2017-02-03 |

| 6 | NULL | 101 | M.TECH | F | 2020-11-25 |

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

6 rows in set (0.00 sec)

mysql> select name from employee where name like "\_A%";

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

| name |

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

| RAJAT TYAGI |

| HARI MOHAN |

| HARRY S |

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

3 rows in set (0.00 sec)

mysql>