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

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

Your MySQL connection id is 10

Server version: 8.0.32 MySQL Community Server - GPL

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

mysql> show databases ;

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

| Database |

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

| collectiondb |

| information\_schema |

| lmstest |

| mysql |

| performance\_schema |

| sys |

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

6 rows in set (0.00 sec)

mysql> use lmstest;

Database changed

mysql> show tables;

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

| Tables\_in\_lmstest |

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

| employee |

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

1 row in set (0.00 sec)

mysql> desc employee;

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

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

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

| id | int | NO | PRI | NULL | |

| emp\_name | varchar(20) | NO | | NULL | |

| emp\_address | varchar(30) | NO | | NULL | |

| emp\_age | int | NO | | NULL | |

| salary | int | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql> Select \* from employee;

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

| id | emp\_name | emp\_address | emp\_age | salary |

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

| 1 | Anisha | Mimbai | 20 | 20000 |

| 2 | Apeksha | pune | 20 | 30000 |

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

2 rows in set (0.00 sec)

**UPDATE QUERY**

mysql> update employee set emp\_address =' MUMBAI' where id =1;

Query OK, 1 row affected (0.07 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from employee;

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

| id | emp\_name | emp\_address | emp\_age | salary |

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

| 1 | Anisha | MUMBAI | 20 | 20000 |

| 2 | Apeksha | pune | 20 | 30000 |

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

2 rows in set (0.00 sec)

**DELETE QUERY**

mysql> delete form employee where id = 2;

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 'employee where id = 2' at line 1

mysql> delete from employee where id = 2 ;

Query OK, 1 row affected (0.03 sec)

mysql> select \* from employee;

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

| id | emp\_name | emp\_address | emp\_age | salary |

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

| 1 | Anisha | MUMBAI | 20 | 20000 |

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

1 row in set (0.00 sec)

**INSERT QUERY**

mysql> insert into employee values (2, 'Vaishanavi ' ,' nagpur', 21,30000);

Query OK, 1 row affected (0.03 sec)

mysql> insert into employee values (3,'pragati ' , ' nashik' , 21, 30000);

Query OK, 1 row affected (0.04 sec)

mysql> select \* from employee;

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

| id | emp\_name | emp\_address | emp\_age | salary |

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

| 1 | Anisha | MUMBAI | 20 | 20000 |

| 2 | Vaishanavi | nagpur | 21 | 30000 |

| 3 | pragati | nashik | 21 | 30000 |

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

3 rows in set (0.00 sec)

**GROUP BY QUERY**

mysql> select salary from employee GROUP BY salary;

+--------+

| salary |

+--------+

| 20000 |

| 30000 |

+--------+

2 rows in set (0.04 sec)

**DISTINCT QUERY**

mysql> select distinct salary from employee;

+--------+

| salary |

+--------+

| 20000 |

| 30000 |

+--------+

2 rows in set (0.00 sec)

**COUNT WITH GROUP BY QUERY**

mysql> select salary ,COUNT(\*) from employee GROUP BY salary;

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

| salary | COUNT(\*) |

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

| 20000 | 1 |

| 30000 | 2 |

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

2 rows in set (0.03 sec)

mysql> select \* from employee ;

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

| id | emp\_name | emp\_address | emp\_age | salary |

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

| 1 | Anisha | MUMBAI | 20 | 20000 |

| 2 | Vaishanavi | nagpur | 21 | 30000 |

| 3 | pragati | nashik | 21 | 30000 |

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

3 rows in set (0.00 sec)

mysql> insert into employee valuess(4,'simeen', 'pune' , 22, 40000);

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 'valuess(4,'simeen', 'pune' , 22, 40000)' at line 1

mysql> insert into employee values(4,'simeen', 'pune' , 22, 40000);

Query OK, 1 row affected (0.06 sec)

mysql> select \* from employee;

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

| id | emp\_name | emp\_address | emp\_age | salary |

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

| 1 | Anisha | MUMBAI | 20 | 20000 |

| 2 | Vaishanavi | nagpur | 21 | 30000 |

| 3 | pragati | nashik | 21 | 30000 |

| 4 | simeen | pune | 22 | 40000 |

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

4 rows in set (0.00 sec)

**ORDER BY QUERY**

mysql> select \* from employee ORDER BY emp\_name asc;

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

| id | emp\_name | emp\_address | emp\_age | salary |

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

| 1 | Anisha | MUMBAI | 20 | 20000 |

| 3 | pragati | nashik | 21 | 30000 |

| 4 | simeen | pune | 22 | 40000 |

| 2 | Vaishanavi | nagpur | 21 | 30000 |

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

4 rows in set (0.03 sec)

**WHERE CLAUSE QUERY**

mysql> select emp\_name ,emp\_address from employee where salary >20000;

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

| emp\_name | emp\_address |

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

| Vaishanavi | nagpur |

| pragati | nashik |

| simeen | pune |

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

3 rows in set (0.00 sec)

**IN OPERATOR QUERY**

mysql> select \* from employee;

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

| id | emp\_name | emp\_address | emp\_age | salary |

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

| 1 | Anisha | MUMBAI | 20 | 20000 |

| 2 | Vaishanavi | nagpur | 21 | 30000 |

| 3 | pragati | nashik | 21 | 30000 |

| 4 | simeen | pune | 22 | 40000 |

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

4 rows in set (0.00 sec)

mysql> select emp\_name from employee where emp\_address IN 'maharashtra';

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 ''maharashtra'' at line 1

mysql> alter table employee add state = 'maharashtra' not null;

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 '= 'maharashtra' not null' at line 1

mysql> alter table employee add state varchar(20) not null ;

Query OK, 0 rows affected (0.21 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select\* from employee;

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

| id | emp\_name | emp\_address | emp\_age | salary | state |

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

| 1 | Anisha | MUMBAI | 20 | 20000 | |

| 2 | Vaishanavi | nagpur | 21 | 30000 | |

| 3 | pragati | nashik | 21 | 30000 | |

| 4 | simeen | pune | 22 | 40000 | |

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

4 rows in set (0.00 sec)

mysql> update employee set state = 'Maharashtra;

Query OK, 4 rows affected (0.06 sec)

Rows matched: 4 Changed: 4 Warnings: 0

mysql> update employee set state = 'Maharashtra';

Query OK, 4 rows affected (0.01 sec)

Rows matched: 4 Changed: 4 Warnings: 0

mysql> select \* from employee;

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

| id | emp\_name | emp\_address | emp\_age | salary | state |

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

| 1 | Anisha | MUMBAI | 20 | 20000 | Maharashtra |

| 2 | Vaishanavi | nagpur | 21 | 30000 | Maharashtra |

| 3 | pragati | nashik | 21 | 30000 | Maharashtra |

| 4 | simeen | pune | 22 | 40000 | Maharashtra |

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

4 rows in set (0.00 sec)

mysql> select emp\_name from employee where emp\_address IN ('maharashtra');

Empty set (0.00 sec)

mysql> select emp\_name from employee where emp\_address IN state ('maharashtra');

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 'state ('maharashtra')' at line 1

mysql> select emp\_name from employee where emp\_address state IN ('Maharashtra');

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 'state IN ('Maharashtra')' at line 1

mysql> select emp\_name from employee where state IN ('Maharashtra);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 14

mysql> select emp\_name from employee where state IN 'Maharashtra';

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 ''Maharashtra'' at line 1

mysql>

mysql> select emp\_name from employee where state ='Maharashtra';

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

| emp\_name |

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

| Anisha |

| Vaishanavi |

| pragati |

| simeen |

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

4 rows in set (0.00 sec)

**LIKE OPERATOR QUERY**

mysql> select \* from employee;

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

| id | emp\_name | emp\_address | emp\_age | salary | state |

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

| 1 | Anisha | MUMBAI | 20 | 20000 | Maharashtra |

| 2 | Vaishanavi | nagpur | 21 | 30000 | Maharashtra |

| 3 | pragati | nashik | 21 | 30000 | Maharashtra |

| 4 | simeen | pune | 22 | 40000 | Maharashtra |

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

4 rows in set (0.00 sec)

mysql> select emp\_address from employee where emp\_address like 'n%';

Empty set (0.00 sec)

**LIMIT OPERATOR QUERY**

mysql> SELECT \* FROM employee LIMIT 3;

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

| id | emp\_name | emp\_address | emp\_age | salary | state |

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

| 1 | Anisha | MUMBAI | 20 | 20000 | Maharashtra |

| 2 | Vaishanavi | nagpur | 21 | 30000 | Maharashtra |

| 3 | pragati | nashik | 21 | 30000 | Maharashtra |

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

3 rows in set (0.00 sec)

**IS NULL OPERATOR QUERY**

mysql> select emp\_age ,emp\_name from employee where emp\_age is null;

Empty set (0.00 sec)