**QUERIES IN SQL**

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

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

Your MySQL connection id is 15

Server version: 8.0.30 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 ABCcompany;

Query OK, 1 row affected (0.11 sec)

mysql> use ABCcompany;

Database changed

mysql> create table companystaffs(staffid int, staffname varchar(50), staffEmail varchar(50),Stafflocation varchar(50),staffphoneno int(50),staffdepartmentid int,staffmanagerid int,staffsalary int);

Query OK, 0 rows affected, 1 warning (0.37 sec)

mysql> insert into companystaffs(staffid,staffname,staffEmail,stafflocation,staffphoneno,staffdepartmentid,staffmanagerid,staffsalary)values(01,'Ramya S','Ramya1234@gmail.com','Chennai',88222867,03,2,10000),(02,'vishali S','vishali1234@gmail.com','Chengalpet',76456780,03,2,10000),(03,'hemasri S','hemasri1234@gmail.com','chennai',45589634,03,2,50000),(04,'Rudhra M','Rudhra1234@gmail.com','chennai',67935463,04,2,50000),(05,'kajol S','kajol1234@gmail.com','chennai',98654865,03,2,60000),(06,'priya S','priya1234@gmail.com','chengalpet',66375834,03,3,60000),(07,'Vijaya A','vijaya1234@gmail.com','chengalpet',25657869,04,3,100000),(08,'selvakumar J','selvakumar1234@gmail.com','chennai',45689476,04,3,100000),(09,'kannan G','kannan1234@gmail.com','chennai',45578796,04,3,80000),(10,'Rajesh S','Rajesh1234@gmail.com','chengalpet',36758937,04,4,80000);

Query OK, 10 rows affected (0.16 sec)

Records: 10 Duplicates: 0 Warnings: 0

mysql> select\*from companystaffs;

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 1 | Ramya S | Ramya1234@gmail.com | Chennai | 88222867 | 3 | 2 | 10000 |

| 2 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 3 | hemasri S | hemasri1234@gmail.com | chennai | 45589634 | 3 | 2 | 50000 |

| 4 | Rudhra M | Rudhra1234@gmail.com | chennai | 67935463 | 4 | 2 | 50000 |

| 5 | kajol S | kajol1234@gmail.com | chennai | 98654865 | 3 | 2 | 60000 |

| 6 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 7 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 8 | selvakumar J | selvakumar1234@gmail.com | chennai | 45689476 | 4 | 3 | 100000 |

| 9 | kannan G | kannan1234@gmail.com | chennai | 45578796 | 4 | 3 | 80000 |

| 10 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

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

10 rows in set (0.00 sec)

mysql> select \* from companystaffs where staffname like 'Ra%';

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 1 | Ramya S | Ramya1234@gmail.com | Chennai | 88222867 | 3 | 2 | 10000 |

| 10 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

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

2 rows in set (0.21 sec)

mysql> select \* from companystaffs where staffname like '% S%';

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 1 | Ramya S | Ramya1234@gmail.com | Chennai | 88222867 | 3 | 2 | 10000 |

| 2 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 3 | hemasri S | hemasri1234@gmail.com | chennai | 45589634 | 3 | 2 | 50000 |

| 5 | kajol S | kajol1234@gmail.com | chennai | 98654865 | 3 | 2 | 60000 |

| 6 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 10 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

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

6 rows in set (0.00 sec)

mysql> select \* from companystaffs where staffname like '%i S%';

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 2 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 3 | hemasri S | hemasri1234@gmail.com | chennai | 45589634 | 3 | 2 | 50000 |

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

2 rows in set (0.00 sec)

mysql> select \* from companystaffs where stafflocation like '\_nai';

Empty set (0.00 sec)

mysql> select \* from companystaffs where Stafflocation like '\_ennai';

Empty set (0.00 sec)

mysql> select \* from companystaffs where staffname like like '\_ya S';

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 'like '\_ya S'' at line 1

mysql> select \* from companystaffs where staffname like '\_ya S';

Empty set (0.00 sec)

mysql> select all staffname from companystaffs where true;

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

| staffname |

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

| Ramya S |

| vishali S |

| hemasri S |

| Rudhra M |

| kajol S |

| priya S |

| Vijaya A |

| selvakumar J |

| kannan G |

| Rajesh S |

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

10 rows in set (0.02 sec)

mysql> select staffname from companystaffs where staffid= ALL;

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 1

mysql> select \* from companystaffs where staffmanagerid between 2 and 3;

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 1 | Ramya S | Ramya1234@gmail.com | Chennai | 88222867 | 3 | 2 | 10000 |

| 2 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 3 | hemasri S | hemasri1234@gmail.com | chennai | 45589634 | 3 | 2 | 50000 |

| 4 | Rudhra M | Rudhra1234@gmail.com | chennai | 67935463 | 4 | 2 | 50000 |

| 5 | kajol S | kajol1234@gmail.com | chennai | 98654865 | 3 | 2 | 60000 |

| 6 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 7 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 8 | selvakumar J | selvakumar1234@gmail.com | chennai | 45689476 | 4 | 3 | 100000 |

| 9 | kannan G | kannan1234@gmail.com | chennai | 45578796 | 4 | 3 | 80000 |

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

9 rows in set (0.04 sec)

mysql> select concat ('staffname','stafflocation');

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

mysql> SELECT TRIM(' SQL Tutorial! ') AS TrimmedString;

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

| TrimmedString |

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

| SQL Tutorial! |

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

1 row in set (0.07 sec)

mysql> select upper(staffname) as upperstaffname from companystaffs;

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

| upperstaffname |

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

| RAMYA S |

| VISHALI S |

| HEMASRI S |

| RUDHRA M |

| KAJOL S |

| PRIYA S |

| VIJAYA A |

| SELVAKUMAR J |

| KANNAN G |

| RAJESH S |

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

10 rows in set (0.10 sec)

mysql> SELECT CURRENT\_TIMESTAMP;

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

| CURRENT\_TIMESTAMP |

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

| 2023-07-03 10:57:34 |

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

1 row in set (0.03 sec) create table staff(staffid int, stafflocationid int);

Query OK, 0 rows affected (2.00 sec)

mysql> insert into staff(staffid, stafflocationid)values(1,8),(2,9),(3,8),(4,9),(5,8);

Query OK, 5 rows affected (0.23 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> select \* from staff;

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

| staffid | stafflocationid |

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

| 1 | 8 |

| 2 | 9 |

| 3 | 8 |

| 4 | 9 |

| 5 | 8 |

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

5 rows in set (0.05 sec)

mysql> select staffname from companystaffs where staffid=ANY (select stafflocationid from staff where staffid=4);

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

| staffname |

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

| kannan G |

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

1 row in set (0.27 sec)

mysql> select staffname from companystaffs where staffid = ANY (select staffid from staff where stafflocationid=8);

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

| staffname |

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

| Ramya S |

| hemasri S |

| kajol S |

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

3 rows in set (0.00 sec)

| concat ('staffname','stafflocation') |

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

| staffnamestafflocation |

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

1 row in set (0.09 sec)

