Microsoft Windows [Version 10.0.22631.3958]

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C:\Users\shrva>mysql -u root -p

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

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

Your MySQL connection id is 20

Server version: 8.0.39 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 |

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

| information\_schema |

| mysql |

| performance\_schema |

| practical491 |

| practical492 |

| shravani |

| sys |

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

7 rows in set (0.00 sec)

mysql> create database practical493;

Query OK, 1 row affected (0.02 sec)

mysql> use practical493;

mysql> create table Employee(emp\_no int,emp\_name varchar(20),date date,position varchar(20));

Query OK, 0 rows affected (0.04 sec)

mysql> alter table Employee add salary int;

Query OK, 0 rows affected (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> insert into Employee values('1','shravani','2024-8-1','HR','15000');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Employee values('2','dhanshri','2024-7-12','manager','100

00');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Employee values('3','meghraj','2024-6-15','ceo','11000');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Employee values('4','sumit','2024-6-15','ceo','12000');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Employee values('5','vaishnavi','2024-5-15','clerk','1000

0');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Employee values('6','sakshi','2024-3-12','clerk','9000');

Query OK, 1 row affected (0.01 sec)

mysql> create table TE(emp\_no int,emp\_name varchar(20),join\_date date,position varchar(20),salary int);

Query OK, 0 rows affected (0.03 sec)

mysql> insert into TE values('1','vaibhavi','2024-7-12','clerk','3000');

Query OK, 1 row affected (0.02 sec)

mysql> insert into TE values('2','renuka','2024-3-10','ceo','15000');

Query OK, 1 row affected (0.01 sec)

mysql> insert into TE values('3','samruddhi','2024-2-10','hr','10000');

Query OK, 1 row affected (0.01 sec)

mysql> insert into TE values('4','shruti','2024-2-10','manager','12000');

Query OK, 1 row affected (0.01 sec)

mysql> insert into TE values('5','kshitija','2024-2-11','manager','11000');

Query OK, 1 row affected (0.01 sec)

mysql> select\* from TE;

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

| emp\_no | emp\_name | join\_date | position | salary |

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

| 1 | vaibhavi | 2024-07-12 | clerk | 3000 |

| 2 | renuka | 2024-03-10 | ceo | 15000 |

| 3 | samruddhi | 2024-02-10 | hr | 10000 |

| 4 | shruti | 2024-02-10 | manager | 12000 |

| 5 | kshitija | 2024-02-11 | manager | 11000 |

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

5 rows in set (0.00 sec)

mysql> select\* from Employee;

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

| emp\_no | emp\_name | date | position | salary |

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

| 1 | shravani | 2024-08-01 | HR | 15000 |

| 2 | dhanshri | 2024-07-12 | manager | 10000 |

| 3 | meghraj | 2024-06-15 | ceo | 11000 |

| 4 | sumit | 2024-06-15 | ceo | 12000 |

| 5 | vaishnavi | 2024-05-15 | clerk | 10000 |

| 6 | sakshi | 2024-03-12 | clerk | 9000 |

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

6 rows in set (0.00 sec)

mysql> update TE set emp\_name='aishwarya' where emp\_no='5';

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select\* from TE;

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

| emp\_no | emp\_name | join\_date | position | salary |

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

| 1 | vaibhavi | 2024-07-12 | clerk | 3000 |

| 2 | renuka | 2024-03-10 | ceo | 15000 |

| 3 | samruddhi | 2024-02-10 | hr | 10000 |

| 4 | shruti | 2024-02-10 | manager | 12000 |

| 5 | aishwarya | 2024-02-11 | manager | 11000 |

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

5 rows in set (0.00 sec)

mysql> select \* from Employee union select \* from TE;

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

| emp\_no | emp\_name | date | position | salary |

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

| 1 | shravani | 2024-08-01 | HR | 15000 |

| 2 | dhanshri | 2024-07-12 | manager | 10000 |

| 3 | meghraj | 2024-06-15 | ceo | 11000 |

| 4 | sumit | 2024-06-15 | ceo | 12000 |

| 5 | vaishnavi | 2024-05-15 | clerk | 10000 |

| 6 | sakshi | 2024-03-12 | clerk | 9000 |

| 1 | vaibhavi | 2024-07-12 | clerk | 3000 |

| 2 | renuka | 2024-03-10 | ceo | 15000 |

| 3 | samruddhi | 2024-02-10 | hr | 10000 |

| 4 | shruti | 2024-02-10 | manager | 12000 |

| 5 | aishwarya | 2024-02-11 | manager | 11000 |

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

11 rows in set (0.00 sec)

mysql> select \* from Employee union all select \* from TE;

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

| emp\_no | emp\_name | date | position | salary |

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

| 1 | shravani | 2024-08-01 | HR | 15000 |

| 2 | dhanshri | 2024-07-12 | manager | 10000 |

| 3 | meghraj | 2024-06-15 | ceo | 11000 |

| 4 | sumit | 2024-06-15 | ceo | 12000 |

| 5 | vaishnavi | 2024-05-15 | clerk | 10000 |

| 6 | sakshi | 2024-03-12 | clerk | 9000 |

| 1 | vaibhavi | 2024-07-12 | clerk | 3000 |

| 2 | renuka | 2024-03-10 | ceo | 15000 |

| 3 | samruddhi | 2024-02-10 | hr | 10000 |

| 4 | shruti | 2024-02-10 | manager | 12000 |

| 5 | aishwarya | 2024-02-11 | manager | 11000 |

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

11 rows in set (0.00 sec)

mysql> select distinct emp\_no from Employee where emp\_no in (select emp\_no f

rom TE);

+--------+

| emp\_no |

+--------+

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

+--------+

5 rows in set (0.01 sec)

mysql> select \* from Employee;

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

| emp\_no | emp\_name | date | position | salary |

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

| 1 | shravani | 2024-08-01 | HR | 15000 |

| 2 | dhanshri | 2024-07-12 | manager | 10000 |

| 3 | meghraj | 2024-06-15 | ceo | 11000 |

| 4 | sumit | 2024-06-15 | ceo | 12000 |

| 5 | vaishnavi | 2024-05-15 | clerk | 10000 |

| 6 | sakshi | 2024-03-12 | clerk | 9000 |

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

6 rows in set (0.00 sec)

mysql> select \* from TE;

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

| emp\_no | emp\_name | join\_date | position | salary |

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

| 1 | vaibhavi | 2024-07-12 | clerk | 3000 |

| 2 | renuka | 2024-03-10 | ceo | 15000 |

| 3 | samruddhi | 2024-02-10 | hr | 10000 |

| 4 | shruti | 2024-02-10 | manager | 12000 |

| 5 | aishwarya | 2024-02-11 | manager | 11000 |

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

5 rows in set (0.00 sec)

mysql> select distinct emp\_name from Employee where emp\_name in (select emp\_

name from TE);

Empty set (0.00 sec)

mysql> select \* from Employee;

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

| emp\_no | emp\_name | date | position | salary |

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

| 1 | shravani | 2024-08-01 | HR | 15000 |

| 2 | dhanshri | 2024-07-12 | manager | 10000 |

| 3 | meghraj | 2024-06-15 | ceo | 11000 |

| 4 | sumit | 2024-06-15 | ceo | 12000 |

| 5 | vaishnavi | 2024-05-15 | clerk | 10000 |

| 6 | sakshi | 2024-03-12 | clerk | 9000 |

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

6 rows in set (0.00 sec)

mysql> select \* from TE;

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

| emp\_no | emp\_name | join\_date | position | salary |

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

| 1 | vaibhavi | 2024-07-12 | clerk | 3000 |

| 2 | renuka | 2024-03-10 | ceo | 15000 |

| 3 | samruddhi | 2024-02-10 | hr | 10000 |

| 4 | shruti | 2024-02-10 | manager | 12000 |

| 5 | aishwarya | 2024-02-11 | manager | 11000 |

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

5 rows in set (0.00 sec)

mysql> select distinct emp\_name from Employee where emp\_name in (select emp\_name from TE);

Empty set (0.00 sec)

mysql> select min(salary) from Employee;

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

| min(salary) |

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

| 9000 |

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

1 row in set (0.01 sec)

mysql> select max(salary) from Employee;

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

| max(salary) |

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

| 15000 |

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

1 row in set (0.00 sec)

mysql> select sum(salary) from Employee;

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

| sum(salary) |

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

| 67000 |

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

1 row in set (0.00 sec)

mysql> select avg(salary) from Employee;

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

| avg(salary) |

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

| 11166.6667 |

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

1 row in set (0.00 sec)

mysql> select count(salary) from Employee;

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

| count(salary) |

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

| 6 |

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

1 row in set (0.00 sec)

mysql> select lcase(emp\_no) from Employee;

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

| lcase(emp\_no) |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

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

6 rows in set (0.00 sec)

mysql> select ucase(emp\_no) from Employee;

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

| ucase(emp\_no) |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

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

6 rows in set (0.01 sec)

mysql> select lcase(salary) from Employee;

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

| lcase(salary) |

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

| 15000 |

| 10000 |

| 11000 |

| 12000 |

| 10000 |

| 9000 |

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

6 rows in set (0.00 sec)

mysql> select mid(emp\_no,1,3) from Employee;

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

| mid(emp\_no,1,3) |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

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

6 rows in set (0.00 sec)

mysql> select mid(emp\_no,1,3) from Employee;

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

| mid(emp\_no,1,3) |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

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

6 rows in set (0.00 sec)

mysql> select mid(emp\_no,1,5) from Employee;

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

| mid(emp\_no,1,5) |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

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

6 rows in set (0.00 sec)

mysql> select mid(salary,1,3) from Employee;

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

| mid(salary,1,3) |

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

| 150 |

| 100 |

| 110 |

| 120 |

| 100 |

| 900 |

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

6 rows in set (0.00 sec)

mysql> select mid(salary,1,5) from Employee;

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

| mid(salary,1,5) |

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

| 15000 |

| 10000 |

| 11000 |

| 12000 |

| 10000 |

| 9000 |

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

6 rows in set (0.00 sec)

mysql> select mid(emp\_no,1,2) from Employee;

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

| mid(emp\_no,1,2) |

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

| 1 |

| 2 |

| 3 |

| 4 |

| 5 |

| 6 |

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

6 rows in set (0.00 sec)