Last login: Thu Mar 23 12:06:47 on ttys001 namansoni@namans-MacBook-'c. Air.local .xNMM. . OMMMMo OS: macOS 13.2.1 22D68 arm64 OMMM0, Host: MacBookAir10,1 .;loddo:'loolloddol;. Kernel: 22.3.0 Uptime: 14 days, 6 hours, 59 mins Packages: 37 (brew) XMMMMMMMMMMMMMMMMX. **Shell:** zsh 5.8.1 Resolution: 1440x900 ; MMMMMMMMMMMMMMMMM : : MMMMMMMMMMMMMMMMMMM : DE: Aqua . MMMMMMMMMMMMMMMMMMMMX . WM: Quartz Compositor WM Theme: Blue (Dark) Terminal: Apple_Terminal Terminal Font: SFMono-Regular CPU: Apple M1 **KMMMMMMMMMMMMMMMMMMMM** GPU: Apple M1 ; KMMMMMMWXXWMMMMMMk. Memory: 1358MiB / 8192MiB .COOC,. .,COO:. ----(namansoni@namans-MacBook-Air:s001) └(16:38:40) -> mysql —(Thu, Mar23)— Welcome to the MySQL monitor. Commands end with; or \q. Your MvSOL connection id is 29 Server version: 8.0.32 Homebrew Copyright (c) 2000, 2023, Oracle and/or its affiliates. Oracle is a registered trademark of Oracle Corporation and/or affiliates. Other names may be trademarks of their respective owners. Type 'help;' or '\h' for help. Type '\c' to clear the current input statement. mysql> use COMPANY; Reading table information for completion of table and column You can turn off this feature to get a quicker startup with -A Database changed

```
mysql> show tables;
 Tables_in_company |
DEPT
 EMP
2 rows in set (0.00 sec)
mysql> desc EMP
   -> ;
 Field
          | Type
                       | Null | Key | Default | Extra
 empno
           int
                       N0
                              PRI | NULL
          | varchar(30) |
                        YES
                                   | NULL
 empname
                                   | NULL
| job
          | char(30)
                        YES
mgr
          | int
                        YES
                                   | NULL
                        YES
 hiredate | date
                                    NULL
 sal
          | int
                        YES
                                   | NULL
 comm
          | int
                        YES
                                   | NULL
| deptno
                        YES
          | int
                                   | NULL
8 rows in set (0.01 sec)
mysql> select * from EMP;
| empno | empname | job | mgr | hiredate | sal | comm
| deptno |
  7324 | Raman
                | Manager | 7722 | 2018-02-01 | 8000 | 3500
     20 |
  7334 | Salman | clerk | 7324 | 2019-01-23 | 1210 | 150
     20 |
  7345 | Allen | clerk | 7782 | 2017-12-21 | 97 | 3000
     40 |
  7369 | Smith
                | clerk | 7902 | 2017-12-20 | 968 | 300
     20 |
  7389 | Shyam
               20 |
  7669 | Naman | CEO | 7902 | 2019-01-28 | 950 | 450
     20 |
6 rows in set (0.01 sec)
```

QUERY-1

```
mysql> select distinct job from EMP;
| job
| Manager |
| clerk
l C00
| CEO
4 rows in set (0.00 sec)
QUERY-2
mysql> delete from EMP where year(hiredate) = 1980;
Query OK, 0 rows affected (0.01 sec)
mysql> select * from EMP;
+----+
| empno | empname | job | mgr | hiredate | sal | comm
| deptno |
7324 | Raman | Manager | 7722 | 2018-02-01 | 8000 | 3500
   20 |
  7334 | Salman | clerk | 7324 | 2019-01-23 | 1210 | 150
    20 |
  7345 | Allen | clerk | 7782 | 2017-12-21 | 97 | 3000
    40 |
  7369 | Smith | clerk | 7902 | 2017-12-20 | 968 | 300
    20 |
  7389 | Shyam | C00 | 7902 | 2019-01-18 | 11979 | 4450
    20 |
  7669 | Naman | CEO | 7902 | 2019-01-28 | 950 | 450
  20 |
+----+
6 rows in set (0.00 sec)
QUERY-3
mysql> update EMP set sal = sal * 1.2 where job = 'Manager';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
QUERY-4
mysql> select * from EMP where deptno not in (30, 40, 10);
+----+
```

```
empno | empname | job | mgr | hiredate | sal | comm
 deptno |
7324 | Raman | Manager | 7722 | 2018-02-01 | 9600 | 3500
    20 |
  7334 | Salman | clerk | 7324 | 2019-01-23 | 1210 | 150
    20 |
  7369 | Smith | clerk | 7902 | 2017-12-20 | 968 | 300
    20 |
  7389 | Shyam | C00 | 7902 | 2019-01-18 | 11979 | 4450
    20 |
  7669 | Naman | CEO | 7902 | 2019-01-28 |
                                     950 | 450
    20 |
5 rows in set (0.00 sec)
```

OUERY-5

mysql> select distinct job from EMP;

```
+----+
| job |
+-----+
| Manager |
| clerk |
| C00 |
| CE0 |
```

4 rows in set (0.00 sec)

QUERY-6

mysql> select empname from EMP where comm = 'N'; Empty set, 1 warning (0.00 sec)

QUERY-7

mysql> select empname from EMP where empname like 'S%' or empname like '%S';

```
+----+
| empname |
+----+
| Salman |
| Smith |
| Shyam |
```

3 rows in set (0.00 sec)

QUERY-8

```
mysql> select empname from EMP where empname like '_A%';
| empname |
l Raman
| Salman
| Naman
3 rows in set (0.00 \text{ sec})
QUERY-9
mysql> select count(*) from EMP;
 count(*)
          6 I
1 row in set (0.01 sec)
QUERY-10
mysql> select concat(monthname(hiredate), ' ',day(hiredate),
', ',year(hiredate)) as hire_date_formatted, empname from EMP;
| hire_date_formatted | empname |
| February 1, 2018
                          | Raman
| January 23, 2019
                          | Salman
| December 21, 2017
                         | Allen
December 20, 2017
                          | Smith
| January 18, 2019
                          | Shyam
| January 28, 2019
                          | Naman
```

QUERY-11

6 rows in set (0.01 sec)

```
mysql> SELECT * FROM EMP WHERE job = 'SALESMAN' AND comm
BETWEEN 200 AND 500;
Empty set (0.01 sec)
```