

Name: Muhammad Usman Razwan
 Class: BSIT-M2
 Roll NO: BSIT-M2-20-48
 Submitted to: Sir Sajjad Nawaz
 Subject: DBMS

H. a Write a query to display details of employs with the text "Not given", if commission is null?

Ans:

```
mysql> SELECT *,
-> CASE
-> WHEN Comm IS NULL THEN 'Not given'
-> ELSE Comm
-> END AS Comm
-> FROM Empl
-> ;
```

| Empno | Ename | Job | Mgr | Hiredate | Sal | Comm | Deptno | Comm |
|-------|-----------|-----------|------|------------|------|------|--------|-----------|
| 8369 | SMITH | CLERK | 8902 | 1990-12-18 | 800 | NULL | 20 | Not given |
| 8499 | ANATA | SALESMAN | 8698 | 1991-02-20 | 1600 | 300 | 30 | 300 |
| 8521 | SETH | SALESMAN | 8698 | 1991-02-22 | 1250 | 500 | 30 | 500 |
| 8566 | MAHADEVAN | MANAGER | 8839 | 1991-04-02 | 2985 | NULL | 20 | Not given |
| 8654 | MOMIN | SALESMAN | 8698 | 1991-09-28 | 1250 | 1400 | 30 | 1400 |
| 8698 | BINA | MANAGER | 8839 | 1991-05-01 | 2850 | NULL | 30 | Not given |
| 8839 | AMIR | PRESIDENT | NULL | 1991-11-18 | 5000 | NULL | 10 | Not given |
| 8844 | KULDEEP | SALESMAN | 8698 | 1991-09-08 | 1500 | 0 | 30 | 0 |
| 8882 | SHIVANSH | MANAGER | 8839 | 1991-06-09 | 2450 | NULL | 10 | Not given |
| 8888 | SCOTT | ANALYST | 8566 | 1992-12-09 | 3000 | NULL | 20 | Not given |

10 rows in set (0.00 sec)

G. Write a query to display the name of employee whose name contains "M" as First and "L" as third alphabet?

Ans:

```
mysql> SELECT Ename FROM Empl where 'm-l %';
Empty set, 1 warning (0.00 sec)
```

F. Write a query to display the name of employee whose name contains "T" as last alphabet?

Ans:

```
mysql> SELECT Ename FROM Empl where '%t';
Empty set, 1 warning (0.00 sec)
```

E. Write a query to display the name of employee whose name contains "A" as third alphabet?

Ans:

```
mysql> SELECT Ename FROM Emp1 where '--A%';
Empty set, 1 warning (0.00 sec)
```

D. Write a query to display the name, job title and salary of employees who don't have manager?

Ans:

```
mysql> SELECT Ename, Job, Sal, mgr FROM Emp1 where mgr IS NULL;
+-----+-----+-----+-----+
| Ename | Job      | Sal  | mgr  |
+-----+-----+-----+-----+
| AMIR  | PRESIDENT | 5000 | NULL |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

C. Write a query to display employee name and salary of those employees who don't have their salary in range of 2500 to 4000?

Ans:

```
mysql> SELECT Ename, Sal FROM Emp1 where Sal < 2500 OR sal >4000;
+-----+-----+
| Ename  | Sal  |
+-----+-----+
| SMITH   | 800  |
| ANATA   | 1600 |
| SETH    | 1250 |
| MOMIN   | 1250 |
| AMIR    | 5000 |
| KULDEEP | 1500 |
| SHIVANSH | 2450 |
+-----+-----+
7 rows in set (0.00 sec)
```

B. Write a query to display details of employs who are not getting commission?

Ans:

```
mysql> SELECT * FROM Emp1 where Comm is NULL or Comm =0;
+-----+-----+-----+-----+-----+-----+-----+-----+
| Empno | Ename  | Job      | Mgr  | Hiredate | Sal  | Comm | Deptno |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 8369 | SMITH   | CLERK    | 8902 | 1990-12-18 | 800 | NULL | 20 |
| 8566 | MAHADEVAN | MANAGER | 8839 | 1991-04-02 | 2985 | NULL | 20 |
| 8698 | BINA    | MANAGER | 8839 | 1991-05-01 | 2850 | NULL | 30 |
| 8839 | AMIR    | PRESIDENT | NULL | 1991-11-18 | 5000 | NULL | 10 |
| 8844 | KULDEEP | SALESMAN | 8698 | 1991-09-08 | 1500 | 0 | 30 |
| 8882 | SHIVANSH | MANAGER | 8839 | 1991-06-09 | 2450 | NULL | 10 |
| 8888 | SCOTT   | ANALYST  | 8566 | 1992-12-09 | 3000 | NULL | 20 |
+-----+-----+-----+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

A. Write query to display EName and Sal of employees whose salary are greater than or equal to 2200?

Ans:

```
mysql> SELECT Ename, Sal FROM Emp1 where Sal >=2200.00;
```

```
+-----+-----+
```

```
| Ename      | Sal  |
```

```
+-----+-----+
```

```
| MAHADEVAN  | 2985 |
```

```
| BINA       | 2850 |
```

```
| AMIR       | 5000 |
```

```
| SHIVANSH   | 2450 |
```

```
| SCOTT      | 3000 |
```

```
+-----+-----+
```

```
5 rows in set (0.00 sec)
```