DBMS LAB

Name:-Naresh Suthar
Roll No.:-69
SRN No.:-202202174
Div.:-A(A3)

Q1.A relational database contains two tables EMP & DEPT .

i) Create the above 2 tables with the following structure:

EMP Table

Name	Type	Description
EMPNO	NUMERIC(4) Primary key	Employee no
ENAME	VARCHAR(20) NOT NULL	Employee name
JOB	CHAR(10)	Designation
MGR	NUMERIC(4)	Respective manager's empno
HIREDATE	DATETIME	Date of Joining
SAL	NUMERIC(9,2)	Salary
COMM	NUMERIC(7,2)	Commission
DEPTNO	NUMERIC(2)	Department

DEPT Table

Name	Type	Description
DEPTNO	NUMRIC(2) Primary key	Dept no
DNAME	VARCHAR(20) NOT NULL	Department name
LOC	VARCHAR(10)	Department location

ii) Insert the following records into EMP Table:

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7369	**SMITH**	**CLERK**	**7902**	**1980-12-17**	**800**		**20**
7499	**ALLEN**	**SALESMAN**	**7698**	**1981-02-20**	**1600**	**300**	**30**
7521	WARD	SALESMAN	7698	**1981-02-22**	1250	500	30
7566	JONES	MANAGER	7839	**1981-04-02**	2975		20
7654	MARTIN	SALESMAN	7698	**1981-09-28**	1250	1400	30
7698	BLAKE	MANAGER	7839	**1981-05-01**	2850		30
7782	CLARK	MANAGER	7839	**1981-06-09**	2450		10
7788	SCOTT	ANALYST	7566	**1987-04-19**	3000		20
7839	KING	PRESIDENT		**1981-11-17**	5000		10
7844	TURNER	SALESMAN	7698	**1981-09-08**	1500	0	30
7876	ADAMS	CLERK	7788	**1987-05-23**	1100		20
7900	JAMES	CLERK	7698	**1981-12-03**	950		30
7902	FORD	ANALYST	7566	**1981-12-03**	3000		20
7934	**MILLER**	**CLERK**	**7782**	**1982-01-23**	**1300**		**10**

iii)Insert the following records into DEPT Table:

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON

iv) Perform the following queries :

1. SELECT ALL THE RECORDS FROM EMP TABLE

OUTPUT:-

```
mysql> SELECT * FROM EMP;
+-------+--------+-----------+------+---------------------+---------+---------+--------+
| EMPNO | ENAME  | JOB       | MGR  | HIREDATE            | SAL     | COMM    | DEPTNO |
+-------+--------+-----------+------+---------------------+---------+---------+--------+
|  7369 | SMITH  | CLERK     | 7902 | 1980-12-17 00:00:00 |  800.00 |    NULL |     20 |
|  7499 | ALLEN  | SALESMAN  | 7698 | 1981-02-20 00:00:00 | 1600.00 |  300.00 |     30 |
|  7521 | WARD   | SALESMAN  | 7698 | 1981-02-22 00:00:00 | 1250.00 |  500.00 |     30 |
|  7566 | JONES  | MANAGER   | 7839 | 1981-04-02 00:00:00 | 2975.00 |    NULL |     20 |
|  7654 | MARTIN | SALESMAN  | 7698 | 1981-09-28 00:00:00 | 1250.00 | 1400.00 |     30 |
|  7698 | BLAKE  | MANAGER   | 7839 | 1981-05-01 00:00:00 | 2850.00 |    NULL |     30 |
|  7782 | CLARK  | MANAGER   | 7839 | 1981-06-09 00:00:00 | 2450.00 |    NULL |     10 |
|  7788 | SCOTT  | ANALYST   | 7566 | 1987-04-19 00:00:00 | 3000.00 |    NULL |     20 |
|  7839 | KING   | PRESIDENT | NULL | 1981-11-17 00:00:00 | 5000.00 |    NULL |     10 |
|  7844 | TURNER | SALESMAN  | 7698 | 1981-09-08 00:00:00 | 1500.00 |    0.00 |     30 |
|  7876 | ADAMS  | CLERK     | 7788 | 1987-05-23 00:00:00 | 1100.00 |    NULL |     20 |
|  7900 | JAMES  | CLERK     | 7698 | 1981-12-03 00:00:00 |  950.00 |    NULL |     30 |
|  7902 | FORD   | ANALYST   | 7566 | 1981-12-03 00:00:00 | 3000.00 |    NULL |     20 |
|  7934 | MILLER | CLERK     | 7782 | 1982-01-23 00:00:00 | 1300.00 |    NULL |     10 |
+-------+--------+-----------+------+---------------------+---------+---------+--------+
14 rows in set (0.00 sec)
```

2. SELECT ALL THE RECORDS FROM DEPT TABLE

OUTPUT:-

```
mysql> SELECT * FROM DEPT;
+--------+------------+----------+
| DEPTNO | DNAME      | LOC      |
+--------+------------+----------+
|     10 | ACCOUNTING | NEWYORK  |
|     20 | RESEARCH   | DALLAS   |
|     30 | SALES      | CHICAGO  |
|     40 | OPERATIONS | BOSTON   |
+--------+------------+----------+
4 rows in set (0.00 sec)
```

3. FIND THE EMPLOYEE NAME,SALARY WHO IS WORKING IN DEPT
   NO 20

OUTPUT:-

```
mysql> SELECT ENAME,SAL FROM EMP WHERE DEPTNO=20;
+--------+---------+
| ENAME  | SAL     |
+--------+---------+
| SMITH  |  800.00 |
| JONES  | 2975.00 |
| SCOTT  | 3000.00 |
| ADAMS  | 1100.00 |
| FORD   | 3000.00 |
+--------+---------+
5 rows in set (0.00 sec)
```

4.FIND THE NAME ,JOB,SALARY OF THE EMPLOYEE WHO IS
   MANAGER

OUTPUT:-

```
mysql> SELECT ENAME,JOB,SAL FROM EMP WHERE JOB='MANAGER';
+--------+---------+---------+
| ENAME  | JOB     | SAL     |
+--------+---------+---------+
| JONES  | MANAGER | 2975.00 |
| BLAKE  | MANAGER | 2850.00 |
| CLARK  | MANAGER | 2450.00 |
+--------+---------+---------+
3 rows in set (0.00 sec)
```

5. FIND THE NAME ,JOB,SALARY OF THE EMPLOYEE WHO IS NOT A
MANAGER

OUTPUT:-

```
mysql> SELECT ENAME,JOB,SAL FROM EMP WHERE JOB<>'MANAGER';
+--------+-----------+---------+
| ENAME  | JOB       | SAL     |
+--------+-----------+---------+
| SMITH  | CLERK     |  800.00 |
| ALLEN  | SALESMAN  | 1600.00 |
| WARD   | SALESMAN  | 1250.00 |
| MARTIN | SALESMAN  | 1250.00 |
| SCOTT  | ANALYST   | 3000.00 |
| KING   | PRESIDENT | 5000.00 |
| TURNER | SALESMAN  | 1500.00 |
| ADAMS  | CLERK     | 1100.00 |
| JAMES  | CLERK     |  950.00 |
| FORD   | ANALYST   | 3000.00 |
| MILLER | CLERK     | 1300.00 |
+--------+-----------+---------+
11 rows in set (0.00 sec)
```

6. FIND THOSE EMPLOYEES WHO WERE HIRED BETWEEN 1 MAR 1981
AND 1 JUN 1983

OUTPUT:-

```
mysql> SELECT * FROM EMP WHERE HIREDATE BETWEEN '1981-03-01' AND '1982-06-01';
+-------+--------+-----------+------+---------------------+---------+---------+--------+
| EMPNO | ENAME  | JOB       | MGR  | HIREDATE            | SAL     | COMM    | DEPTNO |
+-------+--------+-----------+------+---------------------+---------+---------+--------+
|  7566 | JONES  | MANAGER   | 7839 | 1981-04-02 00:00:00 | 2975.00 |    NULL |     20 |
|  7654 | MARTIN | SALESMAN  | 7698 | 1981-09-28 00:00:00 | 1250.00 | 1400.00 |     30 |
|  7698 | BLAKE  | MANAGER   | 7839 | 1981-05-01 00:00:00 | 2850.00 |    NULL |     30 |
|  7782 | CLARK  | MANAGER   | 7839 | 1981-06-09 00:00:00 | 2450.00 |    NULL |     10 |
|  7839 | KING   | PRESIDENT | NULL | 1981-11-17 00:00:00 | 5000.00 |    NULL |     10 |
|  7844 | TURNER | SALESMAN  | 7698 | 1981-09-08 00:00:00 | 1500.00 |    0.00 |     30 |
|  7900 | JAMES  | CLERK     | 7698 | 1981-12-03 00:00:00 |  950.00 |    NULL |     30 |
|  7902 | FORD   | ANALYST   | 7566 | 1981-12-03 00:00:00 | 3000.00 |    NULL |     20 |
|  7934 | MILLER | CLERK     | 7782 | 1982-01-23 00:00:00 | 1300.00 |    NULL |     10 |
+-------+--------+-----------+------+---------------------+---------+---------+--------+
9 rows in set (0.00 sec)
```

7. FIND EMPLOYEE NAME WHO WERE HIRED IN 1981

OUTPUT:-

```
mysql> SELECT ENAME FROM EMP WHERE EXTRACT(YEAR FROM HIREDATE)=1981;
+--------+
| ENAME  |
+--------+
| ALLEN  |
| WARD   |
| JONES  |
| MARTIN |
| BLAKE  |
| CLARK  |
| KING   |
| TURNER |
| JAMES  |
| FORD   |
+--------+
10 rows in set (0.00 sec)
```

8. FIND EMPLOYEE NAME WHOSE NAME STARS WITH 'S'

OUTPUT:-

```
mysql> SELECT ENAME FROM EMP WHERE ENAME LIKE 's%';
+-------+
| ENAME |
+-------+
| SMITH |
| SCOTT |
+-------+
2 rows in set (0.00 sec)
```

9. FIND EMPLOYEE NAME WHOSE NAME ENDS WITH 'S'

OUTPUT:-

```
mysql> SELECT ENAME FROM EMP WHERE ENAME LIKE '%s';
+-------+
| ENAME |
+-------+
| JONES |
| ADAMS |
| JAMES |
+-------+
3 rows in set (0.00 sec)
```

10. FIND EMPLOYEE NAME WHO ARE WORKING IN DEPT NO 20 & 40.

OUTPUT:-

```
mysql> SELECT ENAME FROM EMP WHERE DEPTNO=20 AND 40;
+-------+
| ENAME |
+-------+
| SMITH |
| JONES |
| SCOTT |
| ADAMS |
| FORD  |
+-------+
5 rows in set (0.00 sec)
```

11. FIND ENAME,JOB AND DEPTNO WHO ARE CLERK & SALESMAN.

OUTPUT:-

```
mysql> SELECT ENAME,JOB,DEPTNO FROM EMP WHERE JOB IN ('CLERK','SALESMAN');
+--------+----------+--------+
| ENAME  | JOB      | DEPTNO |
+--------+----------+--------+
| SMITH  | CLERK    |     20 |
| ALLEN  | SALESMAN |     30 |
| WARD   | SALESMAN |     30 |
| MARTIN | SALESMAN |     30 |
| TURNER | SALESMAN |     30 |
| ADAMS  | CLERK    |     20 |
| JAMES  | CLERK    |     30 |
| MILLER | CLERK    |     10 |
+--------+----------+--------+
8 rows in set (0.00 sec)
```

12. FIND ENAME WHO ARE MANAGER AND GETTING SALARY MORE THAN 2000

OUTPUT:-

```
mysql> SELECT ENAME FROM EMP WHERE JOB='MANAGER' AND SAL > 2000;
+-------+
| ENAME |
+-------+
| JONES |
| BLAKE |
| CLARK |
+-------+
3 rows in set (0.00 sec)
```

13. FIND ENAME WHO ARE WORKING IN DEPTNO 30 ORDER BY SALARY IN DESC. ORDER

OUTPUT:-

```
mysql> SELECT ENAME FROM EMP WHERE DEPTNO=30 ORDER BY SAL DESC;
+--------+
| ENAME  |
+--------+
| BLAKE  |
| ALLEN  |
| TURNER |
| WARD   |
| MARTIN |
| JAMES  |
+--------+
6 rows in set (0.00 sec)
```

14. FIND OUT THE TOTAL SALARY OF ALL THE EMPLOYEES.

OUTPUT:-

```
mysql> SELECT SUM(SAL) FROM EMP;
+----------+
| SUM(SAL) |
+----------+
| 29025.00 |
+----------+
1 row in set (0.00 sec)
```

15. FIND OUT AVGERAGE SALARY OF ALL THE EMPLOYEES WHO
    ARE WORKING IN DEPTNO 30

OUTPUT:-

```
mysql> SELECT AVG(SAL) FROM EMP WHERE DEPTNO=30;
+-------------+
| AVG(SAL)    |
+-------------+
| 1566.666667 |
+-------------+
1 row in set (0.00 sec)
```

16. FIND OUT THE MINIMUM SALARY OF DEPT NO 20

OUTPUT:-

```
mysql> SELECT MIN(SAL) FROM EMP WHERE DEPTNO=20;
+----------+
| MIN(SAL) |
+----------+
|   800.00 |
+----------+
1 row in set (0.00 sec)
```

17. FIND OUT THE MAXIMUM HIREDATE

OUTPUT:-

```
mysql> SELECT MAX(HIREDATE) FROM EMP;
+---------------------+
| MAX(HIREDATE)       |
+---------------------+
| 1987-05-23 00:00:00 |
+---------------------+
1 row in set (0.00 sec)
```

18. FIND OUT THE TOTAL NUMBER OF EMPLOYEES WHO ARE WORKING IN DEPT NO 10

OUTPUT:-

```
mysql>  SELECT COUNT(ENAME) FROM EMP WHERE DEPTNO=10;
+--------------+
| COUNT(ENAME) |
+--------------+
|            3 |
+--------------+
1 row in set (0.00 sec)
```

19. FIND OUT DEPTNO,TOTAL SALARY OF THOSE DEPT WHERETHERE IS NO SALESMAN AND TOTAL SALARY OF DEPT IS MORE THAN 8500

OUTPUT:-

```
mysql> SELECT DEPTNO, SUM(SAL) AS TOTAL_SALARY
    -> FROM EMP
    -> WHERE JOB <> 'SALESMAN'
    -> GROUP BY DEPTNO
    -> HAVING SUM(SAL) > 8500;
+--------+--------------+
| DEPTNO | TOTAL_SALARY |
+--------+--------------+
|     20 |     10875.00 |
|     10 |      8750.00 |
+--------+--------------+
2 rows in set (0.00 sec)
```

20. FIND ENAME WHO WAS HIRED FIRST

OUTPUT:-

```
mysql> SELECT ENAME FROM EMP ORDER BY HIREDATE ASC LIMIT 1;
+--------+
| ENAME |
+--------+
| SMITH |
+--------+
1 row in set (0.00 sec)
```

21. FIND TOTAL SALARY FOR THOSE WHO ARE NOT MANAGER

OUTPUT:-

```
mysql> SELECT SUM(SAL) AS TOTAL_SALARY FROM EMP WHERE JOB <> 'MANAGER';
+--------------+
| TOTAL_SALARY |
+--------------+
|     20750.00 |
+--------------+
1 row in set (0.00 sec)
```

22. FIND OUT JOB AND AVERAGE SALARY FOR ALL THE JOB TYPES WITH MORE THAN 2 EMPLOYEES

OUTPUT:-

```
mysql> SELECT JOB, AVG(SAL) AS AVG_SALARY
    -> FROM EMP
    -> GROUP BY JOB
    -> HAVING COUNT(*) > 2;
+----------+-------------+
| JOB      | AVG_SALARY  |
+----------+-------------+
| CLERK    | 1037.500000 |
| SALESMAN | 1400.000000 |
| MANAGER  | 2758.333333 |
+----------+-------------+
3 rows in set (0.00 sec)
```

23. FIND OUT THE ENAME HAVING MAXIMUM SALARY IN EACH DEPT

OUTPUT:-

```
mysql> SELECT DEPTNO, ENAME, SAL AS MAX_SALARY
    -> FROM EMP
    -> WHERE (DEPTNO, SAL) IN (
    ->     SELECT DEPTNO, MAX(SAL) AS MAX_SALARY
    ->     FROM EMP
    ->     GROUP BY DEPTNO
    -> );
+--------+-------+------------+
| DEPTNO | ENAME | MAX_SALARY |
+--------+-------+------------+
|     30 | BLAKE |    2850.00 |
|     20 | SCOTT |    3000.00 |
|     10 | KING  |    5000.00 |
|     20 | FORD  |    3000.00 |
+--------+-------+------------+
4 rows in set (0.00 sec)
```

24. FIND THE SQUARE ROOT OF THE SALARY IN EMP TABLE

OUTPUT:-

```
mysql> SELECT ENAME, SQRT(SAL) AS SALARY_SQRT FROM EMP;
+--------+--------------------+
| ENAME  | SALARY_SQRT        |
+--------+--------------------+
| SMITH  | 28.284271247461902 |
| ALLEN  |                 40 |
| WARD   |  35.35533905932738 |
| JONES  | 54.543560573178574 |
| MARTIN |  35.35533905932738 |
| BLAKE  |  53.38539126015655 |
| CLARK  |  49.49747468305833 |
| SCOTT  | 54.772255750516614 |
| KING   |  70.71067811865476 |
| TURNER |  38.72983346207417 |
| ADAMS  |   33.166247903554 |
| JAMES  | 30.822070014844883 |
| FORD   | 54.772255750516614 |
| MILLER |  36.05551275463989 |
+--------+--------------------+
14 rows in set (0.00 sec)
```

25. FIND AVG SALARY FOR THOSE EMPLOYEES WHOSE JOB='CLERK'

OUTPUT:-

```
mysql> SELECT AVG(SAL) AS AVG_CLERK_SALARY FROM EMP WHERE JOB = 'CLERK';
+------------------+
| AVG_CLERK_SALARY |
+------------------+
|      1037.500000 |
+------------------+
1 row in set (0.00 sec)
```

26. FIND TOTAL SALARY FOR THOSE EMPLOYEES WHO WERE HIRED
    IN 1981

OUTPUT:-

```
mysql> SELECT SUM(SAL) AS TOTAL_SALARY_1981 FROM EMP WHERE YEAR(HIREDATE) = 1981;
+-------------------+
| TOTAL_SALARY_1981 |
+-------------------+
|          22825.00 |
+-------------------+
1 row in set (0.00 sec)
```

27. CHANGE THE JOB,DEPTNO,SALARY WHOSE EMPNO=7788

OUTPUT:-

```
mysql> UPDATE EMP SET JOB = 'SALES', DEPTNO = 40, SAL = 2500 WHERE EMPNO = 7788;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

28. CREATE TABLE NEW USING ALL RECORDS FROM EMP

OUTPUT:-

```
mysql> CREATE TABLE NEW AS SELECT * FROM EMP;
Query OK, 14 rows affected (0.04 sec)
Records: 14  Duplicates: 0  Warnings: 0
```

29. CHANGE THE JOB OF TABLE NEW TO 'SALES'

OUTPUT:-

```
mysql> UPDATE NEW SET JOB = 'SALES';
Query OK, 13 rows affected (0.01 sec)
Rows matched: 14  Changed: 13  Warnings: 0
```

30. SELECT ALL RECORDS FROM NEW

OUTPUT:-

```
mysql> SELECT * FROM NEW;
+-------+--------+-------+------+---------------------+---------+---------+--------+
| EMPNO | ENAME  | JOB   | MGR  | HIREDATE            | SAL     | COMM    | DEPTNO |
+-------+--------+-------+------+---------------------+---------+---------+--------+
|  7369 | SMITH  | SALES | 7902 | 1980-12-17 00:00:00 |  800.00 |    NULL |     20 |
|  7499 | ALLEN  | SALES | 7698 | 1981-02-20 00:00:00 | 1600.00 |  300.00 |     30 |
|  7521 | WARD   | SALES | 7698 | 1981-02-22 00:00:00 | 1250.00 |  500.00 |     30 |
|  7566 | JONES  | SALES | 7839 | 1981-04-02 00:00:00 | 2975.00 |    NULL |     20 |
|  7654 | MARTIN | SALES | 7698 | 1981-09-28 00:00:00 | 1250.00 | 1400.00 |     30 |
|  7698 | BLAKE  | SALES | 7839 | 1981-05-01 00:00:00 | 2850.00 |    NULL |     30 |
|  7782 | CLARK  | SALES | 7839 | 1981-06-09 00:00:00 | 2450.00 |    NULL |     10 |
|  7788 | SCOTT  | SALES | 7566 | 1987-04-19 00:00:00 | 2500.00 |    NULL |     40 |
|  7839 | KING   | SALES | NULL | 1981-11-17 00:00:00 | 5000.00 |    NULL |     10 |
|  7844 | TURNER | SALES | 7698 | 1981-09-08 00:00:00 | 1500.00 |    0.00 |     30 |
|  7876 | ADAMS  | SALES | 7788 | 1987-05-23 00:00:00 | 1100.00 |    NULL |     20 |
|  7900 | JAMES  | SALES | 7698 | 1981-12-03 00:00:00 |  950.00 |    NULL |     30 |
|  7902 | FORD   | SALES | 7566 | 1981-12-03 00:00:00 | 3000.00 |    NULL |     20 |
|  7934 | MILLER | SALES | 7782 | 1982-01-23 00:00:00 | 1300.00 |    NULL |     10 |
+-------+--------+-------+------+---------------------+---------+---------+--------+
14 rows in set (0.00 sec)
```

31. ADD A NEW COLUMN ADDRESS VARCHAR(10) TO TABLE NEW

OUTPUT:-

```
mysql> ALTER TABLE NEW ADD COLUMN ADDRESS VARCHAR(10);
Query OK, 0 rows affected (0.04 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

32. INSERT THE VALUE TO ADDRESS COLUMN IN TABLE NEW

OUTPUT:-

```
mysql> UPDATE NEW SET ADDRESS = 'NA';
Query OK, 14 rows affected (0.01 sec)
Rows matched: 14  Changed: 14  Warnings: 0
```

33. SELECT ALL RECORDS FROM NEW

OUTPUT:-

```
mysql> SELECT * FROM NEW;
+-------+--------+-------+------+---------------------+---------+---------+--------+---------+
| EMPNO | ENAME  | JOB   | MGR  | HIREDATE            | SAL     | COMM    | DEPTNO | ADDRESS |
+-------+--------+-------+------+---------------------+---------+---------+--------+---------+
|  7369 | SMITH  | SALES | 7902 | 1980-12-17 00:00:00 |  800.00 |    NULL |     20 | NA      |
|  7499 | ALLEN  | SALES | 7698 | 1981-02-20 00:00:00 | 1600.00 |  300.00 |     30 | NA      |
|  7521 | WARD   | SALES | 7698 | 1981-02-22 00:00:00 | 1250.00 |  500.00 |     30 | NA      |
|  7566 | JONES  | SALES | 7839 | 1981-04-02 00:00:00 | 2975.00 |    NULL |     20 | NA      |
|  7654 | MARTIN | SALES | 7698 | 1981-09-28 00:00:00 | 1250.00 | 1400.00 |     30 | NA      |
|  7698 | BLAKE  | SALES | 7839 | 1981-05-01 00:00:00 | 2850.00 |    NULL |     30 | NA      |
|  7782 | CLARK  | SALES | 7839 | 1981-06-09 00:00:00 | 2450.00 |    NULL |     10 | NA      |
|  7788 | SCOTT  | SALES | 7566 | 1987-04-19 00:00:00 | 2500.00 |    NULL |     40 | NA      |
|  7839 | KING   | SALES | NULL | 1981-11-17 00:00:00 | 5000.00 |    NULL |     10 | NA      |
|  7844 | TURNER | SALES | 7698 | 1981-09-08 00:00:00 | 1500.00 |    0.00 |     30 | NA      |
|  7876 | ADAMS  | SALES | 7788 | 1987-05-23 00:00:00 | 1100.00 |    NULL |     20 | NA      |
|  7900 | JAMES  | SALES | 7698 | 1981-12-03 00:00:00 |  950.00 |    NULL |     30 | NA      |
|  7902 | FORD   | SALES | 7566 | 1981-12-03 00:00:00 | 3000.00 |    NULL |     20 | NA      |
|  7934 | MILLER | SALES | 7782 | 1982-01-23 00:00:00 | 1300.00 |    NULL |     10 | NA      |
+-------+--------+-------+------+---------------------+---------+---------+--------+---------+
14 rows in set (0.00 sec)
```

34. UPDATE THE SIZE OF ADDRESS COLUMN FROM 10 TO 4

OUTPUT:-

```
mysql> ALTER TABLE NEW MODIFY COLUMN ADDRESS VARCHAR(4);
Query OK, 14 rows affected (0.09 sec)
Records: 14  Duplicates: 0  Warnings: 0
```

35. DELETE TABLE NEW

OUTPUT:-

```
mysql> DROP TABLE NEW;
Query OK, 0 rows affected (0.04 sec)
```