

## PROGRAM -1

1. Create Employee\_master table with data using Employee table.
2. Delete all the record into Employee\_master whose DeptNo is 10.
3. Update 10% in his salary of DeptNo 20 into Employee\_Master.
4. Alter SAL with size 10,2 in Employee\_Master.
5. Drop Employee\_Master Table.

```
MariaDB [(none)]> USE company_db;
Database changed
MariaDB [company_db]> CREATE TABLE employee (
  ->   empno INT(4) PRIMARY KEY,
  ->   ename VARCHAR(10),
  ->   job VARCHAR(10),
  ->   mgr INT(4),
  ->   hiredate DATE,
  ->   sal INT(7),
  ->   comm INT(7),
  ->   deptno INT(2)
  -> );
Query OK, 0 rows affected (0.087 sec)

MariaDB [company_db]>
MariaDB [company_db]> INSERT INTO employee VALUES
  -> (7369, 'SMITH', 'CLERK', 7902, '1980-12-17', 800, NULL, 20),
  -> (7499, 'ALLEN', 'SALESMAN', 7698, '1981-02-20', 1600, 300, 30),
  -> (7521, 'WARD', 'SALESMAN', 7698, '1981-02-22', 1250, 300, 30),
  -> (7566, 'JONES', 'MANAGER', 7839, '1981-04-02', 2975, NULL, 20),
  -> (7654, 'MARTIN', 'SALESMAN', 7698, '1981-09-28', 1250, 1400, 30),
  -> (7698, 'BLAKE', 'MANAGER', 7839, '1981-05-01', 2580, NULL, 30),
  -> (7782, 'CLARK', 'MANAGER', 7839, '1981-06-06', 2450, NULL, 20),
  -> (7788, 'SCOTT', 'ANALYST', 7566, '1982-12-09', 3000, NULL, 40),
  -> (7839, 'KING', 'PRESIDENT', NULL, '1981-11-17', 5000, NULL, 20),
  -> (7844, 'TURNER', 'SALESMAN', 7698, '1981-09-08', 1500, 0, 30),
  -> (7876, 'ADAMS', 'CLERK', 7688, '1983-01-12', 1100, NULL, 20),
  -> (7900, 'JAMES', 'CLERK', 7698, '1981-12-03', 950, NULL, 20),
  -> (7902, 'FORD', 'ANALYST', 7566, '1981-12-03', 3000, NULL, 20),
  -> (7934, 'MILLER', 'CLERK', 7782, '1981-01-23', 1300, NULL, 10);
Query OK, 14 rows affected (0.104 sec)
Records: 14  Duplicates: 0  Warnings: 0
```

MariaDB [company\_db]>

MariaDB [company\_db]> SELECT \* FROM employee;

empno	ename	job	mgr	hiredate	sal	comm	deptno
7369	SMITH	CLERK	7902	1980-12-17	800	NULL	20
7499	ALLEN	SALESMAN	7698	1981-02-20	1600	300	30
7521	WARD	SALESMAN	7698	1981-02-22	1250	300	30
7566	JONES	MANAGER	7839	1981-04-02	2975	NULL	20
7654	MARTIN	SALESMAN	7698	1981-09-28	1250	1400	30
7698	BLAKE	MANAGER	7839	1981-05-01	2580	NULL	30
7782	CLARK	MANAGER	7839	1981-06-06	2450	NULL	20
7788	SCOTT	ANALYST	7566	1982-12-09	3000	NULL	40
7839	KING	PRESIDENT	NULL	1981-11-17	5000	NULL	20
7844	TURNER	SALESMAN	7698	1981-09-08	1500	0	30
7876	ADAMS	CLERK	7688	1983-01-12	1100	NULL	20
7900	JAMES	CLERK	7698	1981-12-03	950	NULL	20
7902	FORD	ANALYST	7566	1981-12-03	3000	NULL	20
7934	MILLER	CLERK	7782	1981-01-23	1300	NULL	10

14 rows in set (0.001 sec)

MariaDB [company\_db]> SELECT \* FROM department;

deptno	dname
10	RESEARCH
20	ACCOUNTING
30	SALES
40	OPERATIONS

4 rows in set (0.026 sec)

MariaDB [company\_db]> CREATE TABLE employee\_master AS

-> SELECT \* FROM employee;

Query OK, 14 rows affected (0.057 sec)

Records: 14 Duplicates: 0 Warnings: 0

MariaDB [company\_db]> DELETE FROM employee\_master

-> WHERE deptno = 10;

Query OK, 1 row affected (0.003 sec)

MariaDB [company\_db]> UPDATE employee\_master

-> SET sal=sal+(sal\*0.10)

-> WHERE deptno = 20;

Query OK, 7 rows affected (0.027 sec)

Rows matched: 7 Changed: 7 Warnings: 0

MariaDB [company\_db]> ALTER TABLE employee\_master

-> MODIFY sal DECIMAL(10,2);

Query OK, 13 rows affected (0.145 sec)

Records: 13 Duplicates: 0 Warnings: 0

MariaDB [company\_db]> DROP TABLE employee\_master;

Query OK, 0 rows affected (0.017 sec)

```
MariaDB [company_db]> SELECT * FROM employee;
```

empno	ename	job	mgr	hiredate	sal	comm	deptno
7369	SMITH	CLERK	7902	1980-12-17	800	NULL	20
7499	ALLEN	SALESMAN	7698	1981-02-20	1600	300	30
7521	WARD	SALESMAN	7698	1981-02-22	1250	300	30
7566	JONES	MANAGER	7839	1981-04-02	2975	NULL	20
7654	MARTIN	SALESMAN	7698	1981-09-28	1250	1400	30
7698	BLAKE	MANAGER	7839	1981-05-01	2580	NULL	30
7782	CLARK	MANAGER	7839	1981-06-06	2450	NULL	20
7788	SCOTT	ANALYST	7566	1982-12-09	3000	NULL	40
7839	KING	PRESIDENT	NULL	1981-11-17	5000	NULL	20
7844	TURNER	SALESMAN	7698	1981-09-08	1500	0	30
7876	ADAMS	CLERK	7688	1983-01-12	1100	NULL	20
7900	JAMES	CLERK	7698	1981-12-03	950	NULL	20
7902	FORD	ANALYST	7566	1981-12-03	3000	NULL	20
7934	MILLER	CLERK	7782	1981-01-23	1300	NULL	10

```
14 rows in set (0.001 sec)
```

```
MariaDB [company_db]> SELECT * FROM department;
```

deptno	dname
10	RESEARCH
20	ACCOUNTING
30	SALES
40	OPERATIONS

```
4 rows in set (0.001 sec)
```