

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
```

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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)

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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)
```