

VISHNU TYAGI
2CSE 9
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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.

```
mysql> -- 1. Create Database
Query OK, 0 rows affected (0.001 sec)

mysql> CREATE DATABASE company_db;
ERROR 1007 (HY000): Can't create database 'company_db'; database exists
mysql> USE company_db;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql>
mysql> -- 2. Create DEPARTMENT table
Query OK, 0 rows affected (0.000 sec)

mysql> CREATE TABLE department (
  ->     deptno INT(2) PRIMARY KEY,
  ->     dname VARCHAR(15) NOT NULL
  -> );
ERROR 1050 (42S01): Table 'department' already exists
mysql> CREATE TABLE employee (
  ->     empno INT(4) PRIMARY KEY,
  ->     ename VARCHAR(20) NOT NULL,
  ->     job VARCHAR(20),
  ->     mgr INT(4),
  ->     hiredate DATE,
  ->     sal DECIMAL(10,0),
  ->     comm DECIMAL(7,0),
  ->     deptno INT(2),
  ->     FOREIGN KEY (deptno) REFERENCES department(deptno)
  -> );
Query OK, 0 rows affected, 3 warnings (0.014 sec)
```

```
mysql> 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	2850	NULL	30
7782	CLARK	MANAGER	7839	1981-06-09	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	7788	1983-01-12	1100	NULL	20
7900	JAMES	CLERK	7698	1981-12-03	950	NULL	30
7902	FORD	ANALYST	7566	1981-12-03	3000	NULL	20
7934	MILLER	CLERK	7782	1982-01-23	1300	NULL	10

```
14 rows in set (0.002 sec)

mysql> SELECT * FROM department;
```

deptno	dname
10	RESEARCH
20	ACCOUNTING
30	SALES
40	OPERATIONS

```
4 rows in set (0.000 sec)

mysql> CREATE TABLE employee_master AS
-> SELECT * FROM employee;
Query OK, 14 rows affected (0.009 sec)
Records: 14 Duplicates: 0 Warnings: 0

mysql> DELETE FROM employee_master
-> WHERE deptno = 10;
Query OK, 1 row affected (0.004 sec)

mysql> UPDATE employee_master
-> SET sal = sal + (sal * 0.10)
-> WHERE deptno = 20;
Query OK, 6 rows affected, 1 warning (0.004 sec)
Rows matched: 6 Changed: 6 Warnings: 1

mysql> ALTER TABLE employee_master
-> MODIFY sal DECIMAL(10,2);
Query OK, 13 rows affected (0.024 sec)
Records: 13 Duplicates: 0 Warnings: 0

mysql> DROP TABLE employee_master;
Query OK, 0 rows affected (0.010 sec)

mysql> 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
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7782	CLARK	MANAGER	7839	1981-06-09	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	7788	1983-01-12	1100	NULL	20
7900	JAMES	CLERK	7698	1981-12-03	950	NULL	30
7902	FORD	ANALYST	7566	1981-12-03	3000	NULL	20
7934	MILLER	CLERK	7782	1982-01-23	1300	NULL	10

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

```
mysql> SELECT * FROM department;
```

deptno	dname
10	RESEARCH
20	ACCOUNTING
30	SALES
40	OPERATIONS

```
4 rows in set (0.000 sec)
```

```
mysql> SELECT * FROM employee_master;
```