EXPERIMENT -2

Create a table called Employee that contain attributes EMPNO, ENAME, JOB, MGR,SAL &

Execute the following.

1. Add a column commission with domain to the Employee table.

2. Insert any five records into the table.

3. Update the column details of job

4. Rename the column of Employ table using alter command.

5. Delete the employee whose Empno is 105.

- ## Creating the Employee Table.

```
CREATE TABLE Employee (
    EMPNO INT,
    ENAME VARCHAR(255),
    JOB VARCHAR(255),
    MGR INT,
    SAL DECIMAL(10, 2)
);
```

```
SHOW TABLES;
```

```
+--------------------+
| Tables_in_COMPANY  |
+--------------------+
| Employee           |
+--------------------+
```

```
DESC Employee;
```

```
+--------+---------------+------+-----+---------+-------+
| Field  | Type          | Null | Key | Default | Extra |
+--------+---------------+------+-----+---------+-------+
| EMPNO  | int           | YES  |     | NULL    |       |
| ENAME  | varchar(255)  | YES  |     | NULL    |       |
| JOB    | varchar(255)  | YES  |     | NULL    |       |
| MGR    | int           | YES  |     | NULL    |       |
| SAL    | decimal(10,2) | YES  |     | NULL    |       |
+--------+---------------+------+-----+---------+-------+
```

1. Add a column commission with domain to the Employee table.

```
ALTER TABLE Employee
ADD COLUMN COMMISSION DECIMAL(10, 2);
```

```
DESC Employee;
```

```
+-------------+---------------+------+-----+---------+-------+
| Field       | Type          | Null | Key | Default | Extra |
+-------------+---------------+------+-----+---------+-------+
| EMPNO       | int           | YES  |     | NULL    |       |
| ENAME       | varchar(255)  | YES  |     | NULL    |       |
| JOB         | varchar(255)  | YES  |     | NULL    |       |
| MGR         | int           | YES  |     | NULL    |       |
| SAL         | decimal(10,2) | YES  |     | NULL    |       |
| COMMISSION  | decimal(10,2) | YES  |     | NULL    |       |
+-------------+---------------+------+-----+---------+-------+
```

2. Insert any five records into the table.

```
INSERT INTO Employee (EMPNO, ENAME, JOB, MGR, SAL, COMMISSION)
VALUES
    (101, 'Radha Bai', 'Manager', NULL, 5000.00, 1000.00),
    (102, 'Krishna Kumar', 'Developer', 101, 4000.00, NULL),
    (103, 'Abdul Sattar', 'Salesperson', 102, 3000.00, 500.00),
    (104, 'Bob Johnson', 'Accountant', 101, 4500.00, NULL),
    (105, 'Amartya Sen', 'HR Manager', 101, 4800.00, 800.00);
```

```
SELECT * FROM Employee;
```

```
+-------+---------------+-------------+------+---------+------------+
| EMPNO | ENAME         | JOB         | MGR  | SAL     | COMMISSION |
+-------+---------------+-------------+------+---------+------------+
|   101 | Radha Bai     | Manager     | NULL | 5000.00 |    1000.00 |
|   102 | Krishna Kumar | Developer   |  101 | 4000.00 |       NULL |
|   103 | Abdul Sattar  | Salesperson |  102 | 3000.00 |     500.00 |
|   104 | Bob Johnson   | Accountant  |  101 | 4500.00 |       NULL |
|   105 | Amartya Sen   | HR Manager  |  101 | 4800.00 |     800.00 |
+-------+---------------+-------------+------+---------+------------+
```

3. Update the column details of job

EXPERIMENT -2

```
UPDATE Employee
SET JOB = 'Senior Developer'
WHERE EMPNO = 102;
```

```
SELECT * FROM Employee;
```
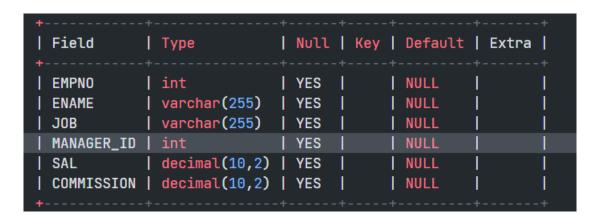
```
+-------+---------------+-----------------+-------+---------+------------+
| EMPNO | ENAME         | JOB             | MGR   | SAL     | COMMISSION |
+-------+---------------+-----------------+-------+---------+------------+
|   101 | Radha Bai     | Manager         | NULL  | 5000.00 |    1000.00 |
|   102 | Krishna Kumar | Senior Developer|   101 | 4000.00 |       NULL |
|   103 | Abdul Sattar  | Salesperson     |   102 | 3000.00 |     500.00 |
|   104 | Bob Johnson   | Accountant      |   101 | 4500.00 |       NULL |
|   105 | Amartya Sen   | HR Manager      |   101 | 4800.00 |     800.00 |
+-------+---------------+-----------------+-------+---------+------------+
```

4. Rename the column of Employ table using alter command.

```
ALTER TABLE Employee
CHANGE COLUMN MGR MANAGER_ID INT;
```

```
DESC Employee;
```

```
+------------+---------------+------+-----+---------+-------+
| Field      | Type          | Null | Key | Default | Extra |
+------------+---------------+------+-----+---------+-------+
| EMPNO      | int           | YES  |     | NULL    |       |
| ENAME      | varchar(255)  | YES  |     | NULL    |       |
| JOB        | varchar(255)  | YES  |     | NULL    |       |
| MANAGER_ID | int           | YES  |     | NULL    |       |
| SAL        | decimal(10,2) | YES  |     | NULL    |       |
| COMMISSION | decimal(10,2) | YES  |     | NULL    |       |
+------------+---------------+------+-----+---------+-------+
```

5. Delete the employee whose Empno is 105.

```
DELETE FROM Employee
WHERE EMPNO = 105;
```

```
SELECT * FROM Employee;
```

EMPNO	ENAME	JOB	MANAGER_ID	SAL	COMMISSION
101	Radha Bai	Manager	NULL	5000.00	1000.00
102	Krishna Kumar	Senior Developer	101	4000.00	NULL
103	Abdul Sattar	Salesperson	102	3000.00	500.00
104	Bob Johnson	Accountant	101	4500.00	NULL