EXPERIMENT 3

CREATE TABLE EMP(EMPNO NUMERIC(4),ENAME CHAR(10),HIREDATE DATE,SALARY FLOAT,COMM
INTEGER(20),PRIMARY KEY(EMPNO));

INSERT INTO EMP VALUES(101,"RAMESH","1980-01-17",5000,NULL);
INSERT INTO EMP VALUES(102,"AJAY","1985-07-05",5000,500);
 INSERT INTO EMP VALUES(103,"RAVI","1981-08-12",1500,NULL);
INSERT INTO EMP VALUES(104,"NIKESH","1983-03-03",3000,700);
 INSERT INTO EMP VALUES(105,"RAVI","1985-07-05",3000,NULL);

```
mysql> select * from emp;
+-------+--------+------------+--------+------+
| EMPNO | ENAME  | HIREDATE   | SALARY | COMM |
+-------+--------+------------+--------+------+
|   101 | RAMESH | 1980-01-17 |   5000 | NULL |
|   102 | AJAY   | 1985-07-05 |   5000 |  500 |
|   103 | RAVI   | 1981-08-12 |   1500 | NULL |
|   104 | NIKESH | 1983-03-03 |   3000 |  700 |
|   105 | RAVI   | 1985-07-05 |   3000 | NULL |
+-------+--------+------------+--------+------+
5 rows in set (0.02 sec)
```

ALTER TABLE EMP ADD SAL INTEGER(7);

```
mysql> ALTER TABLE EMP ADD SAL INTEGER(7);
Query OK, 0 rows affected, 1 warning (0.02 sec)
Records: 0  Duplicates: 0  Warnings: 1

mysql> select * from emp;
+-------+--------+------------+--------+------+------+
| EMPNO | ENAME  | HIREDATE   | SALARY | COMM | SAL  |
+-------+--------+------------+--------+------+------+
|   101 | RAMESH | 1980-01-17 |   5000 | NULL | NULL |
|   102 | AJAY   | 1985-07-05 |   5000 |  500 | NULL |
|   103 | RAVI   | 1981-08-12 |   1500 | NULL | NULL |
|   104 | NIKESH | 1983-03-03 |   3000 |  700 | NULL |
|   105 | RAVI   | 1985-07-05 |   3000 | NULL | NULL |
+-------+--------+------------+--------+------+------+
5 rows in set (0.00 sec)
```

ALTER TABLE EMP DROP SAL;

```
mysql> ALTER TABLE EMP DROP SAL;
Query OK, 0 rows affected (0.06 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> select * from emp;
+-------+--------+------------+--------+------+
| EMPNO | ENAME  | HIREDATE   | SALARY | COMM |
+-------+--------+------------+--------+------+
|   101 | RAMESH | 1980-01-17 |   5000 | NULL |
|   102 | AJAY   | 1985-07-05 |   5000 |  500 |
|   103 | RAVI   | 1981-08-12 |   1500 | NULL |
|   104 | NIKESH | 1983-03-03 |   3000 |  700 |
|   105 | RAVI   | 1985-07-05 |   3000 | NULL |
+-------+--------+------------+--------+------+
5 rows in set (0.00 sec)
```

ALTER TABLE EMP MODIFY ENAME VARCHAR(10);

```
mysql> ALTER TABLE EMP MODIFY ENAME VARCHAR(10);
Query OK, 5 rows affected (0.05 sec)
Records: 5  Duplicates: 0  Warnings: 0

mysql> select * from emp;
+-------+--------+------------+--------+------+
| EMPNO | ENAME  | HIREDATE   | SALARY | COMM |
+-------+--------+------------+--------+------+
|   101 | RAMESH | 1980-01-17 |   5000 | NULL |
|   102 | AJAY   | 1985-07-05 |   5000 |  500 |
|   103 | RAVI   | 1981-08-12 |   1500 | NULL |
|   104 | NIKESH | 1983-03-03 |   3000 |  700 |
|   105 | RAVI   | 1985-07-05 |   3000 | NULL |
+-------+--------+------------+--------+------+
5 rows in set (0.00 sec)
```

ALTER TABLE EMP RENAME TO EMP1;

```
mysql> ALTER TABLE EMP RENAME TO EMP1;
Query OK, 0 rows affected (0.02 sec)

mysql> select * from emp;
ERROR 1146 (42S02): Table 'dbms.emp' doesn't exist
mysql> select * from emp1;
+-------+--------+------------+--------+------+
| EMPNO | ENAME  | HIREDATE   | SALARY | COMM |
+-------+--------+------------+--------+------+
|   101 | RAMESH | 1980-01-17 |   5000 | NULL |
|   102 | AJAY   | 1985-07-05 |   5000 |  500 |
|   103 | RAVI   | 1981-08-12 |   1500 | NULL |
|   104 | NIKESH | 1983-03-03 |   3000 |  700 |
|   105 | RAVI   | 1985-07-05 |   3000 | NULL |
+-------+--------+------------+--------+------+
5 rows in set (0.00 sec)
```

TRUNCATE TABLE EMP1;

```
mysql> TRUNCATE TABLE EMP1;
Query OK, 0 rows affected (0.03 sec)

mysql> select * from emp1;
Empty set (0.00 sec)

mysql>
```