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
                             SALARY
                HIREDATE
                                      COMM
   101
         RAMESH
                  1980-01-17
                                 5000
                                        NULL
   102
         AJAY
                  1985-07-05
                                 5000
                                         500
   103
         RAVI
                  1981-08-12
                                 1500
                                        NULL
                  1983-03-03
   104
         NIKESH
                                 3000
                                         700
   105 l
        RAVI
                 1985-07-05
                                 3000
                                        NULL
 rows in set (0.02 sec)
```

ALTER TABLE EMP ADD SAL INTEGER(7);

```
nysql> 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
                     1985-07-05
                                                     NULL
    102
           AJAY
                                      5000
                                               500
                                                     NULL
                                              NULL
    103
           RAVI
                     1981-08-12
                                      1500
           NIKESH
    104
                     1983-03-03
                                      3000
                                                      NULL
                                               700
           RAVI
                     1985-07-05
  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;
                              SALARY | COMM |
 EMPNO | ENAME | HIREDATE
   101
         RAMESH
                  1980-01-17
                                  5000
                                         NULL
                   1985-07-05
                                  5000
                                          500
   103
         RAVI
                  1981-08-12
                                  1500
                                         NULL
         NIKESH
                  1983-03-03
   104
                                  3000
                                          700
   105 |
         RAVI
                  1985-07-05
                                  3000
                                         NULL
 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 |
                    1980-01-17
1985-07-05
          RAMESH |
    101
                                      5000
                                              NULL
                                      5000
                                               500
                     1981-08-12
         | NIKESH |
                    1983-03-03
                                       3000
    105 | RAVI
                     1985-07-05
                                      3000 | NULL
  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 |
          RAMESH
                    1980-01-17
         AJAY
RAVI
                                    5000
1500
                    1985-07-05
                                             500
                    1981-08-12
                                            NULL
         NIKESH
                    1983-03-03
                                     3000
                                             700
    105 | RAVI
  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>
```