mysql> CREATE TABLE student(sid INT PRIMARY KEY, name VARCHAR(20) NOT NULL, address VARCHAR(30), phone VARCHAR(10), email VARCHAR(40) UNIQUE); Query OK, 0 rows affected (0.580 sec)

mysql> DESCRIBE student;

Field	Type :	Null	Key	Default	Extra
sid	int	NO	PRI	NULL	i
name	varchar(20)	NO	ĺ	NULL	
address	varchar(30)	YES	ĺ	NULL	Ì
phone	varchar(10)	YES	İ	NULL	İ
email	varchar(40)	YES	UNI	NULL	į į

5 rows in set (0.046 sec)

```
mysql> INSERT INTO student VALUES(101,'john','nagar','787665565','john43@gmail.com'),(102,'jiya','pune','9787565445','jiya569@gmail.c
om'),(103,'riya','mumbai','9876766767','riya698@gmail.com'),(104,'radha','delhi','9877665453','radha78@gmail.com');
Query OK, 4 rows affected (0.145 sec)
Records: 4 Duplicates: 0 Warnings: 0
mysql> SELECT * FROM student;
                                       email
 sid |
               address
                         phone
       name
                                       john43@gmail.com
                          787665565
 101
       john
                nagar
                                       jiya569@gmail.com
 102
       jiya
                          9787565445
               pune
                                       riya698@gmail.com
 103
                          9876766767
       riya
               mumbai
                                       radha78@gmail.com
               delhi
                          9877665453
 104
       radha
4 rows in set (0.009 sec)
mysql> INSERT INTO student VALUES (5,'priya','nagar','NULL','priya34@gmail.com');
Query OK, 1 row affected (0.139 sec)
mysql> SELECT * FROM student;
 sid | name
               address | phone
                                       email
   5
       priya
                          NULL
                                       priya34@gmail.com
               nagar
                          787665565
                                       john43@gmail.com
       john
 101
               nagar
                                       jiya569@gmail.com
       jiya
 102
                          9787565445
                pune
                                       riya698@gmail.com
 103
                          9876766767
       riya
               mumbai
               delhi
                          9877665453
                                       radha78@gmail.com
 104
       radha
rows in set (0.010 sec)
```

```
ERROR 1062 (23000): Duplicate entry 'priya34@gmail.com' for key 'student.email'
mysql> INSERT INTO student VALUES (105,'priya','nagar','NULL','priya384@gmail.com');
Query OK, 1 row affected (0.130 sec)
mysql> SELECT * FROM student;
 sid |
                         phone
                                       email
                address
       name
                                       priya34@gmail.com
       priya
   5
                          NULL
                nagar
       john
                          787665565
                                       john43@gmail.com
 101
                nagar
                                       jiya569@gmail.com
 102
       jiya
                          9787565445
                pune
 103
       riya
                          9876766767
                                       riya698@gmail.com
                mumbai
 104
                                       radha78@gmail.com
       radha
               delhi
                          9877665453
 105
                                       priya384@gmail.com
       priya
               nagar
                          NULL
6 rows in set (0.009 sec)
mysql> UPDATE student SET name='sonu' WHERE sid='101';
Query OK, 1 row affected (0.136 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

mysql> INSERT INTO student VALUES (105,'priya','nagar','NULL','priya34@gmail.com');

```
mysql> SELECT * FROM student;
                                       email
 sid
        name
                address
                          phone
                                       priya34@gmail.com
       priya
                          NULL
                nagar
 101
        sonu
                          787665565
                                       john43@gmail.com
                nagar
 102
        jiya
                          9787565445
                                       jiya569@gmail.com
                pune
                                       riya698@gmail.com
 103
       riya
                          9876766767
                mumbai
 104
                                       radha78@gmail.com
                delhi
                          9877665453
        radha
 105
       priya
                          NULL
                                       priya384@gmail.com
                nagar
6 rows in set (0.010 sec)
mysql> DELETE FROM student WHERE sid='5';
Query OK, 1 row affected (0.130 sec)
mysql> SELECT * FROM student;
 sid |
                address
                                       email
       name
                          phone
 101
                          787665565
                                       john43@gmail.com
        sonu
                nagar
 102
                          9787565445
                                       jiya569@gmail.com
        jiya
                pune
 103
       riya
                          9876766767
                                       riya698@gmail.com
                mumbai
                                       radha78@gmail.com
 104
       radha
                delhi
                          9877665453
                                       priya384@gmail.com
 105
        priya
                          NULL
                nagar
```

mysql>

5 rows in set (0.009 sec)