

```
MariaDB [university]> SET AUTOCOMMIT = 0
-> ;
ERROR 1193 (HY000): Unknown system variable 'AUTOCOMMIT'
MariaDB [university]> SET AUTOCOMMIT = 0
-> ;
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [university]> UPDATE USERS
-> SET PASSWORD ='teatime'
-> WHERE uid = 1;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [university]> UPDATE USERS
-> SET type = 'academic'
-> WHERE uid = 12;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [university]> SELECT * FROM USERS;
+-----+-----+-----+-----+
| uid | user_name | password | type |
+-----+-----+-----+-----+
| 1 | zahoor | teatime | academic |
| 2 | fahad | teatime | student |
| 4 | waqar | teatime | student |
| 5 | amjad | teatime | academic |
| 6 | Majid | teatime | academic |
| 8 | Uzair | teatime | student |
| 9 | Majeed | teatime | academic |
| 10 | Wajid | teatime | academic |
| 11 | Sajid | teatime | academic |
| 12 | Sajjad | teatime | academic |
| 13 | Rashid | teatime | academic |
| 14 | waqas.ali | teatime | admin |
| 15 | salman | teatime | student |
+-----+-----+-----+-----+
13 rows in set (0.00 sec)
```

```
MariaDB [university]> rollback;
Query OK, 0 rows affected (0.01 sec)
```

```
MariaDB [university]> SELECT * FROM USERS;
+-----+-----+-----+-----+
| uid | user_name | password | type |
+-----+-----+-----+-----+
| 1 | zahoor | lunchtime | academic |
| 2 | fahad | teatime | student |
| 4 | waqar | teatime | student |
| 5 | amjad | teatime | academic |
| 6 | Majid | teatime | academic |
| 8 | Uzair | teatime | student |
| 9 | Majeed | teatime | academic |
| 10 | Wajid | teatime | academic |
| 11 | Sajid | teatime | academic |
| 12 | Sajjad | teatime | student |
| 13 | Rashid | teatime | academic |
| 14 | waqas.ali | teatime | admin |
| 15 | salman | teatime | student |
+-----+-----+-----+-----+
13 rows in set (0.00 sec)
```

```
MariaDB [university]> DELETE FROM STUDENT;
Query OK, 9 rows affected (0.00 sec)
```

```
MariaDB [university]> SELECT * FROM USERS;
+-----+-----+-----+-----+
| uid | user_name | password | type |
```

```

+-----+-----+-----+-----+
| 1 | zahoor | lunchtime | academic |
| 2 | fahad | teatime | student |
| 4 | waqar | teatime | student |
| 5 | amjad | teatime | academic |
| 6 | Majid | teatime | academic |
| 8 | Uzair | teatime | student |
| 9 | Majeed | teatime | academic |
| 10 | wajid | teatime | academic |
| 11 | Sajid | teatime | academic |
| 12 | Sajjad | teatime | student |
| 13 | Rashid | teatime | academic |
| 14 | waqas.ali | teatime | admin |
| 15 | salman | teatime | student |
+-----+-----+-----+-----+
13 rows in set (0.00 sec)

```

```

MariaDB [university]> SELECT * FROM STUDENT;
Empty set (0.00 sec)

```

```

MariaDB [university]> ROLLBACK;
Query OK, 0 rows affected (0.01 sec)

```

```

MariaDB [university]> SELECT * FROM STUDENT;
+-----+-----+-----+-----+-----+-----+
| roll_no | st_name | f_name | gender | contact | address |
+-----+-----+-----+-----+-----+-----+
| P19-1000 | tre | uyi | Male | 03331234560 | Lahore |
| P19-1001 | tre | uyi | Male | 03331234561 | Lahore |
| P19-1003 | Ali Azmat | Azmat Khan | Male | 03339177703 | Peshawar |
| P19-1004 | Jamal Khan | Samandar Khan | Male | 03339177707 | peshawar |
| P19-1005 | Kamran Jamal | Jamal Ali | Male | 03339177777 | Islamabad |
| P19-1009 | wajid | Amjad | Male | 03339177702 | Lahore |
| P19-6015 | Ali Khan | Khan sb | Male | 03339174258 | asdjflasdjfl |
| p20-1234 | Majid Kamal | Kamal Ahmad | Male | 123 | Kohat |
| P20-6005 | Zubair Shah | Shah saud | Male | 75675 | hello |
+-----+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)

```

```

MariaDB [university]> SHOW TABLES;
+-----+
| Tables_in_university |
+-----+
| academic_users |
| student |
| temporary |
| users |
+-----+
4 rows in set (0.00 sec)

```

```

MariaDB [university]> DELETE FROM STUDENT;
Query OK, 9 rows affected (0.00 sec)

```

```

MariaDB [university]> DELETE FROM USERS;
Query OK, 13 rows affected (0.00 sec)

```

```

MariaDB [university]> DELETE FROM TEMPORARY;
Query OK, 0 rows affected (0.01 sec)

```

```

MariaDB [university]> DELETE FROM ACADEMIC_USERS;
Query OK, 0 rows affected (0.01 sec)

```

```

MariaDB [university]> ROLLBACK;
Query OK, 0 rows affected (0.01 sec)

```

```

MariaDB [university]> SELECT * FROM STUDENT;
+-----+-----+-----+-----+-----+-----+
| roll_no | st_name | f_name | gender | contact | address |
+-----+-----+-----+-----+-----+-----+

```

P19-1000	tre	uyi	Male	03331234560	Lahore
P19-1001	tre	uyi	Male	03331234561	Lahore
P19-1003	Ali Azmat	Azmat Khan	Male	03339177703	Peshawar
P19-1004	Jamal Khan	Samandar Khan	Male	03339177707	peshawar
P19-1005	Kamran Jamal	Jamal Ali	Male	03339177777	Islamabad
P19-1009	wajid	Amjad	Male	03339177702	Lahore
P19-6015	Ali Khan	Khan sb	Male	03339174258	asdjflasdjfl
p20-1234	Majid Kamal	Kamal Ahmad	Male	123	Kohat
P20-6005	Zubair Shah	Shah Saud	Male	75675	hello

9 rows in set (0.00 sec)

MariaDB [university]> SELECT * FROM USERS;

uid	user_name	password	type
1	zahoor	lunchtime	academic
2	fahad	teatime	student
4	waqar	teatime	student
5	amjad	teatime	academic
6	Majid	teatime	academic
8	Uzair	teatime	student
9	Majeed	teatime	academic
10	wajid	teatime	academic
11	Sajid	teatime	academic
12	Sajjad	teatime	student
13	Rashid	teatime	academic
14	waqas.ali	teatime	admin
15	salman	teatime	student

13 rows in set (0.00 sec)

MariaDB [university]> INSERT INTO USERS VALUES(16, 'ALI', 'TEATIME', 'ADMIN');

Query OK, 1 row affected (0.00 sec)

MariaDB [university]> COMMIT;

Query OK, 0 rows affected (0.01 sec)

MariaDB [university]> SELECT * FROM USERS;

uid	user_name	password	type
1	zahoor	lunchtime	academic
2	fahad	teatime	student
4	waqar	teatime	student
5	amjad	teatime	academic
6	Majid	teatime	academic
8	Uzair	teatime	student
9	Majeed	teatime	academic
10	wajid	teatime	academic
11	Sajid	teatime	academic
12	Sajjad	teatime	student
13	Rashid	teatime	academic
14	waqas.ali	teatime	admin
15	salman	teatime	student
16	ALI	TEATIME	ADMIN

14 rows in set (0.00 sec)

MariaDB [university]> ROLLBACK;

Query OK, 0 rows affected (0.00 sec)

MariaDB [university]> SELECT * FROM USERS;

uid	user_name	password	type
1	zahoor	lunchtime	academic
2	fahad	teatime	student
4	waqar	teatime	student

5	amjad	teatime	academic
6	Majid	teatime	academic
8	Uzair	teatime	student
9	Majeed	teatime	academic
10	Wajid	teatime	academic
11	Sajid	teatime	academic
12	Sajjad	teatime	student
13	Rashid	teatime	academic
14	waqas.ali	teatime	admin
15	salman	teatime	student
16	ALI	TEATIME	ADMIN

14 rows in set (0.00 sec)

```
MariaDB [university]> update users
-> set type = 'academic'
-> where uid = 16;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [university]> SAVEPOINT UPDATE_USER
-> ;
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [university]> INSERT INTO USERS VALUES(17, 'ABC', 'DEF', 'ADMIN');
Query OK, 1 row affected (0.00 sec)
```

```
MariaDB [university]> SAVEPOINT NEW_USER;
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [university]> UPDATE USERS
-> SET PASSWORD = 'teatime'
-> where uid 1;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB
server version for the right syntax to use near '1' at line 3
MariaDB [university]> UPDATE USERS
-> SET PASSWORD = 'teatime'
-> where uid =1;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [university]> select * from users;
+-----+-----+-----+-----+
| uid | user_name | password | type |
+-----+-----+-----+-----+
| 1 | zahoor | teatime | academic |
| 2 | fahad | teatime | student |
| 4 | waqar | teatime | student |
| 5 | amjad | teatime | academic |
| 6 | Majid | teatime | academic |
| 8 | Uzair | teatime | student |
| 9 | Majeed | teatime | academic |
| 10 | Wajid | teatime | academic |
| 11 | Sajid | teatime | academic |
| 12 | Sajjad | teatime | student |
| 13 | Rashid | teatime | academic |
| 14 | waqas.ali | teatime | admin |
| 15 | salman | teatime | student |
| 16 | ALI | TEATIME | academic |
| 17 | ABC | DEF | ADMIN |
+-----+-----+-----+-----+
15 rows in set (0.00 sec)
```

```
MariaDB [university]> rollback to update_user;
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [university]> select * from users;
+-----+-----+-----+-----+
| uid | user_name | password | type |
+-----+-----+-----+-----+
```

1	zahoor	lunchtime	academic
2	fahad	teatime	student
4	waqar	teatime	student
5	amjad	teatime	academic
6	Majid	teatime	academic
8	Uzair	teatime	student
9	Majeed	teatime	academic
10	Wajid	teatime	academic
11	Sajid	teatime	academic
12	Sajjad	teatime	student
13	Rashid	teatime	academic
14	waqas.ali	teatime	admin
15	salman	teatime	student
16	ALI	TEATIME	academic

14 rows in set (0.00 sec)

MariaDB [university]>