

- description :
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- lastupdate : 2020-06-26

```
# Section12-3
#                               (SQLite)
#

import sqlite3

# DB ( )
# conn = sqlite3.connect('                /database.db/database.db')
conn = sqlite3.connect('D:/python_bna3ic/resource/database.db') # DB

# Cursor
c = conn.cursor()

# 1
c.execute("UPDATE users SET username = ? WHERE id = ?", ('niceman', 1))

# 2
c.execute("UPDATE users SET username = :name WHERE id = :id", {"name":
'niceman', 'id': 3})

# 3
c.execute("UPDATE users SET username = '%s' WHERE id = '%s'" % ('badboy',
5))

print("#==== 1 =====")
# 1
for user in c.execute('SELECT * FROM users'):
    print(user)

# Row Delete1
c.execute("DELETE FROM users WHERE id = ?", (7,))

# Row Delete2
c.execute("DELETE FROM users WHERE id = :id", {'id': 8})
```

```
# Row Delete3
c.execute("DELETE FROM users WHERE id = '%s'" % 9)

print("# ===                2 ===")
#                2
for user in c.execute('SELECT * FROM users'):
    print(user)

#
print("users db deleted : ", conn.execute("delete from users").rowcount,
      "rows")

#

#
conn.commit()

#
conn.close()
```

```
# ===                1 ===
(1, 'niceman', 'Kim@naver.com', '010-0000-0000', 'Kim.com', '2020-06-26
22:47:31')
(2, 'Park', 'Park@naver.com', '010-1111-1111', 'Park.com', '2020-06-26
22:47:31')
(3, 'niceman', 'Lee@naver.com', '010-2222-2222', 'Lee.com', '2020-06-26
22:47:31')
(4, 'Cho', 'Cho@naver.com', '010-3333-3333', 'Cho.com', '2020-06-26
22:47:31')
(5, 'badboy', 'Yoo@naver.com', '010-4444-4444', 'Yoo.com', '2020-06-26
22:47:31')
# ===                2 ===
(1, 'niceman', 'Kim@naver.com', '010-0000-0000', 'Kim.com', '2020-06-26
22:47:31')
(2, 'Park', 'Park@naver.com', '010-1111-1111', 'Park.com', '2020-06-26
22:47:31')
(3, 'niceman', 'Lee@naver.com', '010-2222-2222', 'Lee.com', '2020-06-26
22:47:31')
(4, 'Cho', 'Cho@naver.com', '010-3333-3333', 'Cho.com', '2020-06-26
22:47:31')
(5, 'badboy', 'Yoo@naver.com', '010-4444-4444', 'Yoo.com', '2020-06-26
22:47:31')
users db deleted : 5 rows
```

Tip

, python,

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