

Python SQLite Update Data Example

To update data into SQLite table, follow the below steps-

1. Call `connect()` function to obtain `Connection` object
2. To get `Cursor` object, call `cursor()` function of the `Connection` object.
3. Pass update statement as an argument to `execute()` function.
4. To save the changes to the database, call `commit()` function and then call `close()` function to close the connection.

Here, we will update model, os, and cpu of Samsung phone having id equal to 4.

```
import sqlite3

conn = sqlite3.connect('mobiledevices.db')
print('Connected to database successfully.')

cur = conn.cursor()
phone1 = ("Galaxy J4 Core", "Android v8.1 Oreo", "Quad core 1.4 GHz", 4)

cur.execute("update androidphones set model=?, os=?, cpu=? where id=?",
print('Records updated successfully.')

conn.commit()
conn.close()
```

Below is the screenshot of the record before running the above program-

id	brand	model	os	cpu
4	Samsung	Galaxy S10 Lite	Android v9.0 Pie	Quad core

Below is the screenshot of the record after running the above program-

id	brand	model	os	cpu
4	Samsung	Galaxy J4 Core	Android v8.1 Oreo	Quad core 1.4 GHz