Working with Sqlite using Python (Linux)

1. Open UBUNTU terminal
2. Enter in root mode and execute following commands to install sqlite3 database
   sudo passwd root
   sudo apt-get update
   sudo spt-get install sqlite3
   sudo apt-get update
3. Open python shell
   python
4. Import sqlite3 into python
   Import sqlite3

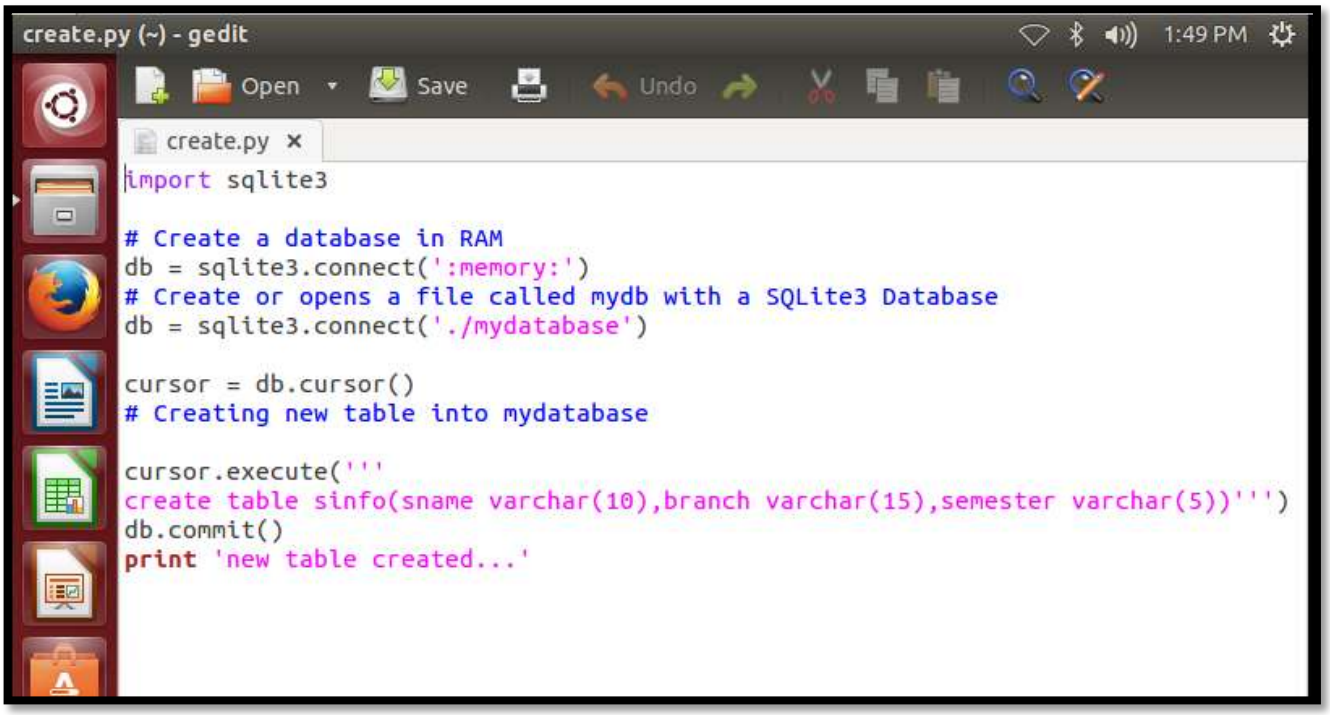
Ready to work with Sqlite3 Database using Python.

How to Create Database in RAM and Database file?

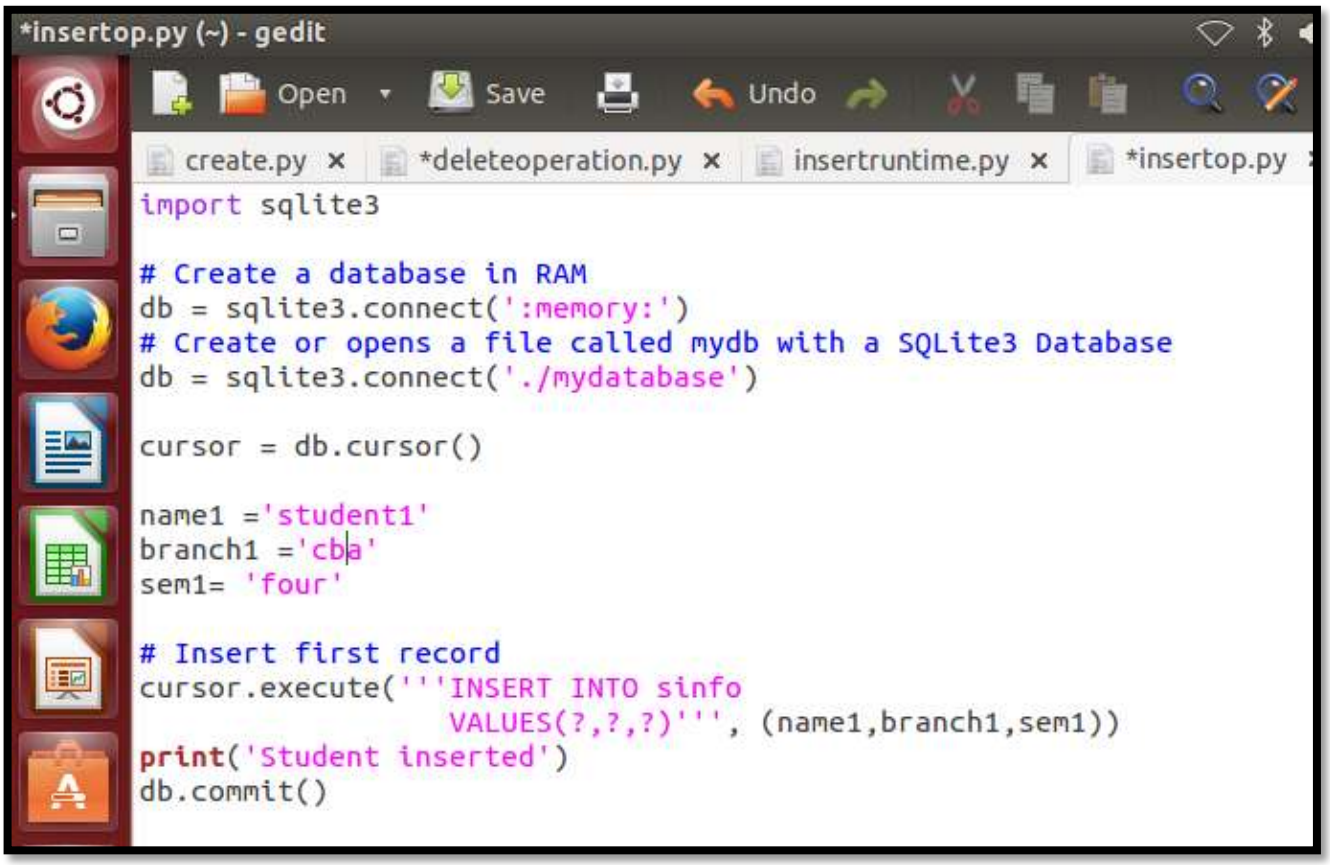
```
import sqlite3
# Create a database in RAM
db = sqlite3.connect(':memory:')
# Create or opens a file called mydatabse with a SQLite3 Database
db = sqlite3.connect('./mydatabase')    // mydatabase file will be created HOME directory
```

Database operations on Sqlite3 using Python

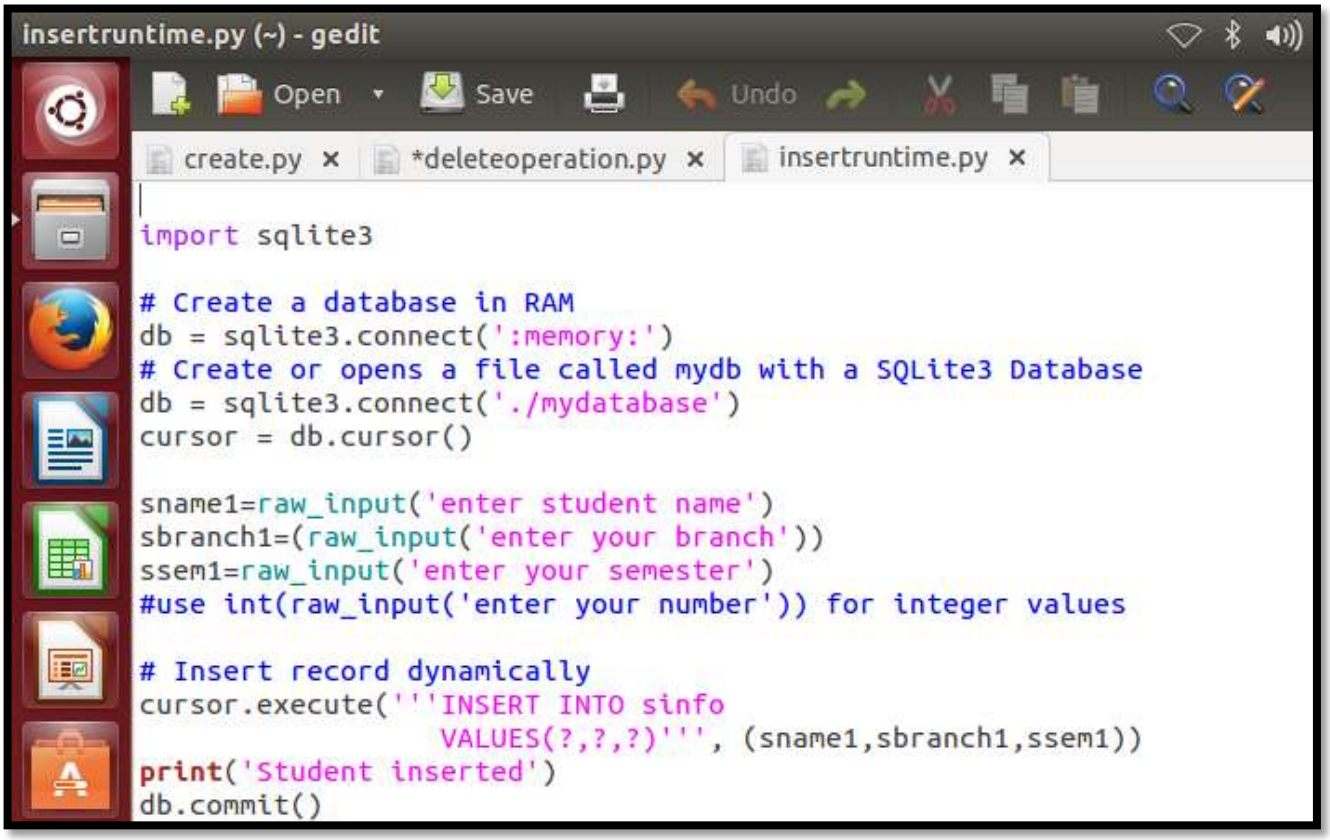
1. **Creating Database table :sinfo**



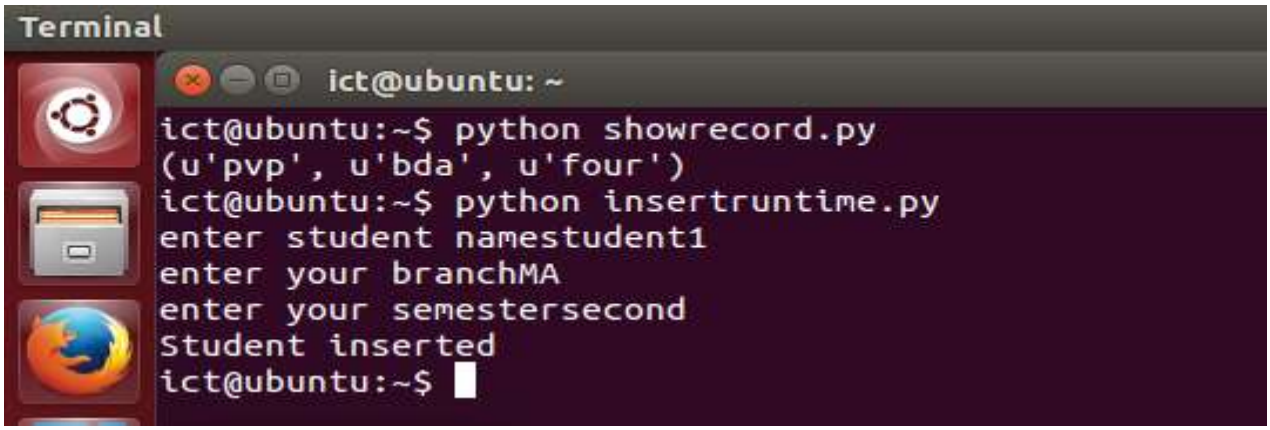
2. **Insert a record into sinfo.**



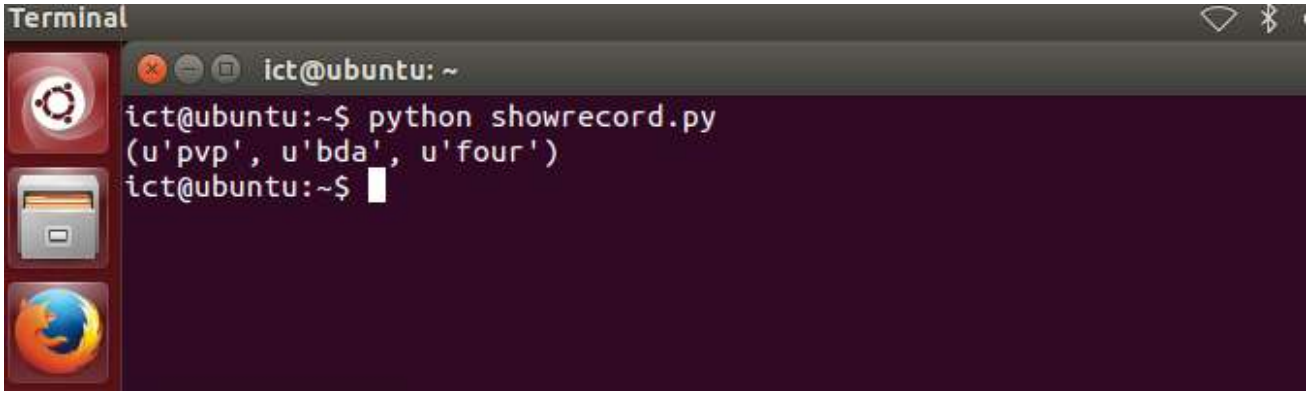
3. **Insert record dynamically**



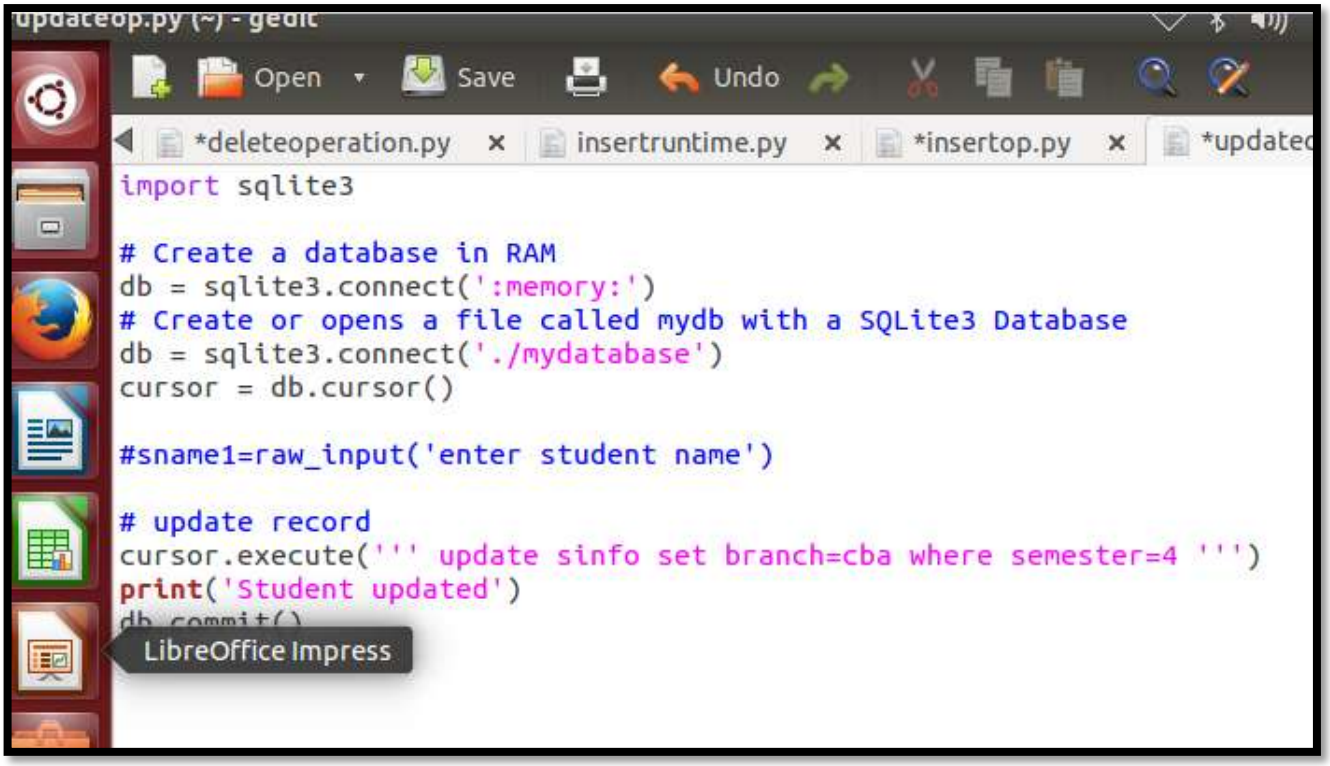
Output of above file



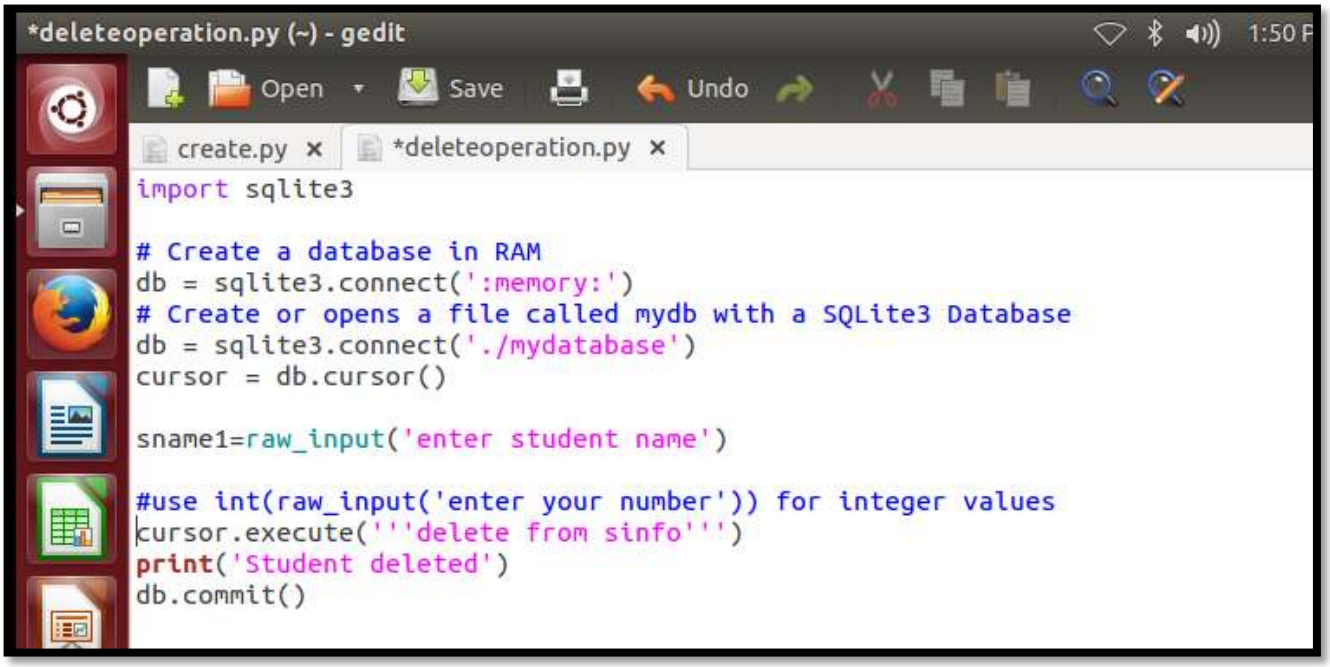
4. **Display records of table**



5. **Update records**



6. **Delete record**


*deleteoperation.py (~) - gedit
1:50 P
Open
Save
Undo
create.py
*deleteoperation.py
import sqlite3
# Create a database in RAM
db = sqlite3.connect(':memory:')
# Create or opens a file called mydb with a SQLite3 Database
db = sqlite3.connect('./mydatabase')
cursor = db.cursor()
sname1=raw_input('enter student name')
#use int(raw_input('enter your number')) for integer values
cursor.execute('''delete from sinfo''')
print('Student deleted')
db.commit()