```
In [23]: import sqlite3
         query = """CREATE TABLE test1 (a VARCHAR(20), b VARCHAR(20), c REAL, d INTEGER);"""
```

```
In [24]: con = sqlite3.connect('mydata.sqlite')
```

```
In [25]: con.execute(query)
```

Out[25]: `<sqlite3.Cursor at 0x1b9eb5bad50>`

```
In [26]: con.commit()
```

```
In [13]: data = [('Atlanta', 'Georgia', 1.25, 6),('Tallahassee', 'Florida', 2.6, 3), ('Sacra
```

```
In [14]: stmt = "INSERT INTO test VALUES(?, ?, ?, ?)"
```

```
In [27]: con.executemany(stmt, data)
```

Out[27]: `<sqlite3.Cursor at 0x1b9ed5a2b20>`

```
In [16]: con.commit()
```

```
In [28]: cursor = con.execute('select * from test')
```

```
In [29]: rows = cursor.fetchall()
```

```
In [30]: rows
```

Out[30]:
```
[('Atlanta', 'Georgia', 1.25, 6),
 ('Tallahassee', 'Florida', 2.6, 3),
 ('Sacramento', 'California', 1.7, 5),
 ('Atlanta', 'Georgia', 1.25, 6),
 ('Tallahassee', 'Florida', 2.6, 3),
 ('Sacramento', 'California', 1.7, 5)]
```

```
In [32]: cursor.description
```

Out[32]:
```
(('a', None, None, None, None, None, None),
 ('b', None, None, None, None, None, None),
 ('c', None, None, None, None, None, None),
 ('d', None, None, None, None, None, None))
```

```
In [22]: import pandas as pd
         pd.DataFrame(rows, columns=[x[0] for x in cursor.description])
```

Out[22]:

	a	b	c	d
0	Atlanta	Georgia	1.25	6
1	Tallahassee	Florida	2.60	3
2	Sacramento	California	1.70	5

```
In [ ]:
```