python™

Working with SQLite3 in Python

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sqlite3 doesn't require seperate server process

```
import sqlite3
conn = sqlite3.connect('python.db')
```

to use the module you have to create a connection object that represents the database

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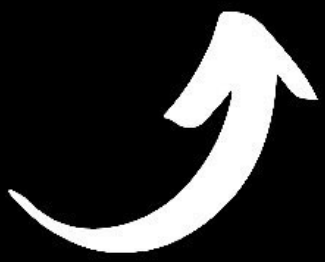
once you have created a connection then you can create a cursor object than you can call its execute() method to perform SQL commands



```
c = conn.cursor()
```

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Creating a table and inserting row

```
c.execute('''CREATE TABLE student(name,skill,college, id)''')
c.execute("INSERT INTO student VALUES ('tanmay','python','abc',1)")
```

Saving the changes and closing

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

we can also close the connection once we are done

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fetching the values from the database

```
import sqlite3
conn = sqlite3.connect('python.db')
c = conn.cursor()
```

connecting with database

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priting row value return by select query

```
c.execute("SELECT * from student")
for row in c:
    print(row)
```

```
('tanmay', 'python', 'abc', 1)
```

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