

Inserting a new Record

In the previous section, you learned how to create a database and a table within it. Now, let's see how to create a new record in the existing table, student.

Example 1: To add the following record:

Name = Sherlock

House = Slytherin

Marks = 65

1. Assuming that the database MySchool is created and contains the table student, we start by creating a connection:

```
import sqlite3
MySchool=sqlite3.connect('schooltest.db')
curschool=MySchool.cursor()
```

2. To add a new record to the table, we execute the INSERT query.

```
import sqlite3
MySchool=sqlite3.connect('schooltest.db')
curschool=MySchool.cursor()
curschool.execute("INSERT INTO student (StudentID, name, house, marks)
VALUES (5,'Sherlock',32,50);")
```

3. We now commit the changes to confirm them.

```
import sqlite3
MySchool=sqlite3.connect('schooltest.db')
curschool=MySchool.cursor()
curschool.execute("INSERT INTO student (StudentID, name, house, marks)
VALUES (5,'Sherlock',32,50);")
MySchool.commit()
```

The new record is added to the table. You can verify this from SQLite Studio.

You can refer to the helper text for the relevant screenshot.