MatDeck - Work with SQLite database
Deleting data from tables

- Level: Basic

In this example, we will use the db_connect() function to establish a connection to the database, and the db_query() function to delete and print the table data. SQLite comes pre-installed to allow users to start practicing or working with database hassle free.

Delete table data

We will establish a connection to the SQLite Database, to delete rows with a Number value of 24 from the table called 'Software' and after that we print the remaining table data.

$DVal :=$ "sqlite"   Connection Parameters

$DatVal :=$ "sqlite_database.db"

Query Strings

$quVal :=$ "DELETE FROM Software WHERE Number = 24"

Connecting To Database

$conn := db\_connect\left(DVal, "Name", "", 0, "", "", DatVal\right)$

Delete Table Data

$db\_query\left(conn, quVal\right)$

List Remaining Table Data

$dat := db\_query\left(conn, "SELECT \cdot FROM Software"\right)$

$dat =$

Name	Number
"NewSoftware"	157
"NewSoftware"	157
"NewSoftware"	157
"ThirdSoftware"	624
"MatDeck"	1
"OtherSoftwares"	999

We could also achieve this task using MatDeck script inside the document.

```
1   // MatDeck program to delete data from table 'Software' in SQLite database
2
3   // Connecting to the server
4   conn := db_connect("sqlite", "Name", "", 0, "", "", "sqlite_database.db")
5
6   // Select a query and display the Name column data
7   db_query(conn, "DELETE FROM Software WHERE Number = 24")
8   print(db_query(conn, "SELECT * FROM Software"))
9
10  // Disconnecting from the server
11  db_close(conn)
```

Output

MatDeck Console

```
["NewSoftware"  157]
["NewSoftware"  157]
["ThirdSoftware"  624]
["MatDeck"  1]
["OtherSoftwares"  999]
```