

Python - Work with MySQL database

Delete data from table

- Level: Basic

In this example, we illustrate how Python can be used within MatDeck to work with MySQL database. First we will use MySQL Connector/Python to establish a connection to database with given name and after that we will delete some table data and print remaining data.

Delete table data

The task is to establish the connection to MySQL Database, to delete rows which Number value is 24 from table 'Software' and after that to print remaining table data.

```
UserVal := "test_user"
```

```
PassVal := "Test123"
```

```
HostVal := "localhost"
```

```
DatVal := "matdeck"
```

```
DVal := "mysql"
```

```
PortVal := 3306
```

Connection Parameters

Code

```
1 #py
2 import mysql.connector as SQLCON
3
4 # Connecting to the server
5 conn = SQLCON.connect(user = 'test_user',
6                       password = 'Test123',
7                       host = 'localhost',
8                       database = 'matdeck')
9
10 # Preparing a cursor object
11 cursorObj = conn.cursor()
12
13 # Delete query and display table data
14 cursorObj.execute("DELETE FROM Software WHERE Number = 24")
15
16 # Select query and display table data
17 cursorObj.execute("SELECT * FROM Software")
18 records = cursorObj.fetchall()
19 for row in records:
20     print(row)
21
22 # Disconnecting from the server
23 conn.close()
24 ###
```

Output

C:\WINDOWS\system32\cmd.exe

```
C:\Users\Milos\Desktop\Python Examples\py_db4>python.exe
('NewSoftware', 157)
('NewSoftware', 157)
('ThirdSoftware', 624)
('MatDeck', 1)
('OtherSoftwares', 999)

C:\Users\Milos\Desktop\Python Examples\py_db4>PAUSE
Press any key to continue . . .
```