

## Python – Delete Records in MySQL Table

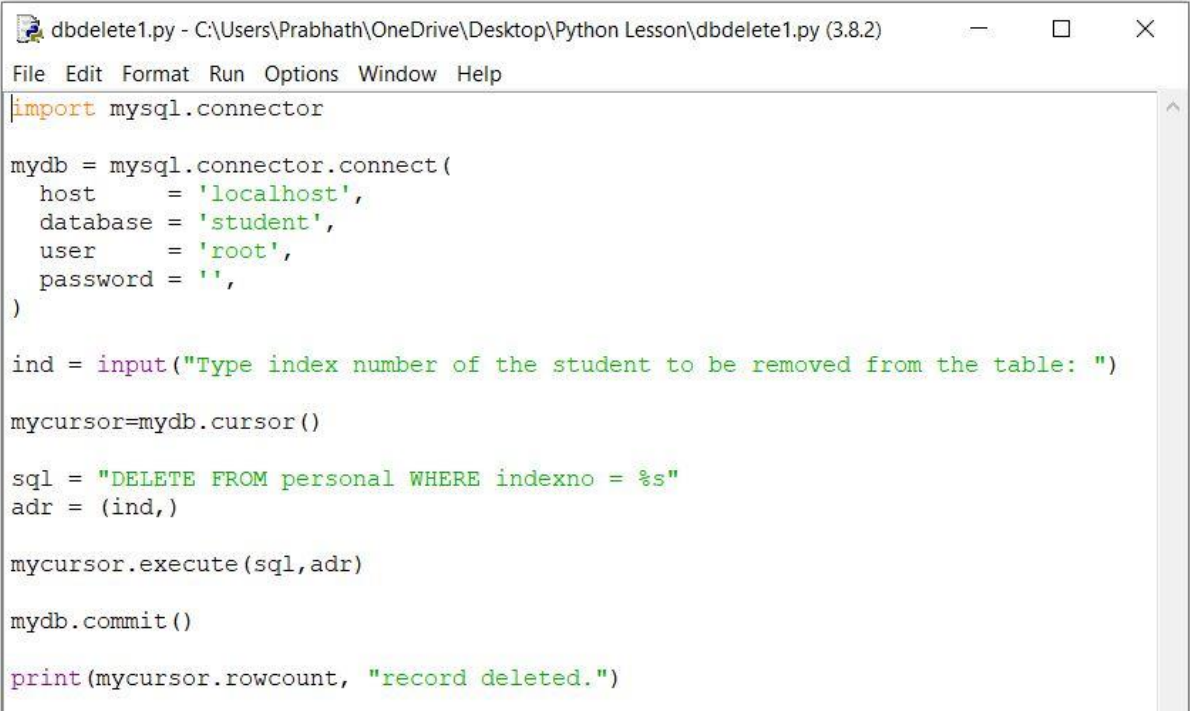
This module guides you how to issue a SQL DELETE (with WHERE) command from Python application to delete records in MySQL table.

To delete details of the student with index number '016':

DELETE command

```
DELETE from personal WHERE indexno = '016'
```

Complete python code is given as below



```
dbdelete1.py - C:\Users\Prabhath\OneDrive\Desktop\Python Lesson\dbdelete1.py (3.8.2)
File Edit Format Run Options Window Help
import mysql.connector

mydb = mysql.connector.connect(
    host = 'localhost',
    database = 'student',
    user = 'root',
    password = '',
)

ind = input("Type index number of the student to be removed from the table: ")

mycursor=mydb.cursor()

sql = "DELETE FROM personal WHERE indexno = %s"
adr = (ind,)

mycursor.execute(sql,adr)

mydb.commit()

print(mycursor.rowcount, "record deleted.")
```

Save this as **dbdelete1** and run it.

### DELETE commands do be use carefully

Please DO NOT use any of the following commands now. It will destroy your data. You will use these commands in future modules.

- 1) TRUNCATE TABLE personal  
Delete all records of the table
- 2) ALTER TABLE personal DROP COLUMN indexno  
Delete entire column indexno
- 3) DROP TABLE personal  
Delete entire table personal
- 4) DROP DATABASE student  
Delete entire database student