Day 17 – Python MySql

Exercise:

Create a connection for DB and print the version using a python program

In [2]:

```
conda install -c conda-forge/label/cf201901 mysql-connector-python
```

```
Collecting package metadata (current_repodata.json): ...working... done
Solving environment: ...working... done

# All requested packages already installed.


Note: you may need to restart the kernel to use updated packages.
```

In [64]:

```
import mysql.connector as sql
conn=sql.connect(
    host="localhost",
    user="root",
    passwd="Vinita@28",
    database='vini'
)
print(conn)
```

```
<mysql.connector.connection.MySQLConnection object at 0x00000264B8E282C8>
```

In [65]:

```
import sys
curr=conn.cursor()
curr.execute("SELECT VERSION()")
data=curr.fetchone()
print("DBMS version:",str(data))
```

```
DBMS version: ('8.0.25',)
```

• Create a employee table and read all the employee name in the table using for loop

In [66]:

```
def CreateTable():
    curr=conn.cursor()
    curr.execute('''create table employe1(emp_id int(10) not null,f_name varchar(20), salar
    print ("table created successfully")
    curr.close()
CreateTable()
```

In [69]:

```
def addData():
    curr=conn.cursor()
    qry = "insert into employe1 (emp_id , f_name , salary ) values( %s , %s , %s )"
    emp_id=int(input("enter emp_id :"))
    f_name =input("enter f_name :")
    salary=input("enter salary : ")
    data=(emp_id , f_name , salary )
    curr.execute(qry,data)
    conn.commit()
    print('data added succesfully')
    curr.close()
```

In [56]:

```
addData()
```

```
enter emp_id :102
enter f_name :vipul
enter salary : 40000
data added succesfully
```

In [70]:

```
def displayData():
    curr.execute("SELECT f_name FROM employe1")
    data=curr.fetchall()

    for r in data :
        print(r)
    curr.close()
```

In [71]:

```
displayData()
```

```
('vinita',)
('vipul',)
```

• Create a multiple tables & insert data in table

In [27]:

```
def createTable():
    curr=conn.cursor()
    curr.execute('''create table SHOE_DETAILS(sl_no int(3),BRAND_NAME text (25),customer_na
    print ("table created successfully")
    curr.close()
```

In [28]:

```
createTable()
```

```
table created successfully
```

In [30]:

```
def createTable2():
    curr=conn.cursor()
    curr.execute('''create table order_details(sl_no int(3),BRAND_NAME text (25),customer_n
    print ("table created successfully")
    curr.close()
```

In [31]:

```
createTable2()
```

```
table created successfully
```

In [33]:

```
def createTable3():
    curr=conn.cursor()
    curr.execute('''create table customer_details(sl_no int(3),BRAND_NAME text (25),custome
    print ("table created successfully")
    curr.close()
```

In [34]:

```
createTable3()
```

```
table created successfully
```

In [ ]:

```

```