• Day 18 – Python MySql (Insert into & select)

Exercise:

1. Create a DB with doctor and doctor ID & patients visited

In [1]:

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

```
<mysql.connector.connection.MySQLConnection object at 0x000002558715B488>
```

In [2]:

```
curr=conn.cursor()

curr.execute("CREATE DATABASE Doctors_details")
import mysql.connector as sql
conn=sql.connect(
    host="localhost",
    user="root",
    passwd="Vinita@28",
    database="Doctors_details")
curr= conn.cursor()
curr.execute("CREATE TABLE Doctors (dr_id VARCHAR(255), Patient_visited VARCHAR(255))")
```

In [3]:

```
curr= conn.cursor()

curr.execute("SHOW DATABASES")

for entry in curr:
  print(entry)
```

```
('animals',)
('bank',)
('doctors_details',)
('information_schema',)
('mysql',)
('performance_schema',)
('shoe__billing',)
('studentprofile',)
('sys',)
('vini',)
('xiics2021',)
```

In [4]:

```
curr= conn.cursor()

curr.execute("SHOW TABLES")

for value in curr:
  print(value)
```

```
('doctors',)
```

In [5]:

```
def add_data():
    curr = conn.cursor()
    qry="INSERT INTO Doctors (dr_id , Patient_visited) VALUES (%s,%s)"
    dr_id=int(input("Enter dr_id :- "))
    Patient_visited=int(input("No of patient visited:- "))
    data=(dr_id , Patient_visited)
    curr.execute(qry,data)
    conn.commit()
    print('data added succesfully')
    curr.close()
```

In [6]:

```
add_data()
```

```
Enter dr_id :- 1237
No of patient visited:- 0
data added succesfully
```

In [7]:

```
curr.execute("select * from Doctors")
data=curr.fetchall()
for r in data :
    print(r)
curr.close()
```

```
('10000', '5')
('4354', '6')
('4566', '10')
('4567', '20')
('2097', '2')
('8377', '1')
('2345', '7')
('1234', '0')
('3458', '0')
('1237', '0')
```

Out[7]:

```
True
```

2. Get the doctor(s) who have more than 5 patients visited

In [8]:

```
curr= conn.cursor()

curr.execute("SELECT * FROM Doctors where Patient_visited >5")

myresult = curr.fetchall()

for x in myresult:
  print(x)
```

```
('4354', '6')
('4566', '10')
('4567', '20')
('2345', '7')
```

4. Get the doctors with no patients visit

In [9]:

```
curr= conn.cursor()

curr.execute("SELECT * FROM Doctors where Patient_visited =0")

y = curr.fetchall()

for i in y:
  print(i)
```

```
('1234', '0')
('3458', '0')
('1237', '0')
```

In [ ]:

```

```