

## Task – 18

```
# task-18

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

import mysql.connector

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="hello"
)

dbse = mydb.cursor()

dbse.execute("CREATE DATABASE Doctors1")

dbse = mydb.cursor()

sql = "INSERT INTO Doctors (dr_id , Patient_visited) VALUES (%s,%s)"
val = [
    ('D1','10'),
    ('D2','3'),
    ('D3','8'),
    ('D5','0'),
    ('D23','15'),
    ('D26','9'),
    ('D78','0'),
    ('D65','0'),
    ('D13','19'),
    ('D8','0'),
    ('D59','0')
]

dbse.executemany(sql, val)

mydb.commit()

print(dbse.rowcount, "was inserted.")
```

output : -

16 was inserted.

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

```
mycursor = mydb.cursor()
```

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

```
myresult = mycursor.fetchall()
```

```
for x in myresult:
```

```
    print(x)
```

output:-

```
('D1', '10')
```

```
('D3', '8')
```

```
('D26', '9')
```

```
('D23', '15')
```

```
('D13', '19')
```

```
# 3. Get the doctors with no patients visit
```

```
mycursor = mydb.cursor()
```

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

```
myresult = mycursor.fetchall()
```

```
for x in myresult:
```

```
    print(x)
```

output:-

```
('D5', '0')
```

```
('D78', '0')
```

```
('D65', '0')
```

```
('D8', '0')
```

```
('D59', '0')
```