***Day 18 task***

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

**import** **mysql.connector**

mydb = mysql.connector.connect(

host="localhost",

user="root",

password="1234"

)

print(mydb)

Output:-

<mysql.connector.connection\_cext.CMySQLConnection object at 0x0000021634F8A790>

dbse = mydb.cursor()

dbse.execute("CREATE DATABASE Doctors1")

dbse.execute("SHOW DATABASES")

**for** entry **in** dbse:

print(entry)

Output:-

('doctor',)

('doctors1',)

('information\_schema',)

('mydatabase',)

('mysql',)

('performance\_schema',)

('sakila',)

('sys',)

('world',)

mydb = mysql.connector.connect(

host="localhost",

user="root",

password="1234",

database="Doctors1"

)

dbse = mydb.cursor()

dbse.execute("CREATE TABLE Doctors (dr\_id VARCHAR(255), Patient\_visited VARCHAR(255))")

dbse = mydb.cursor()

dbse.execute("SHOW TABLES")

**for** value **in** dbse:

print(value)

Output:-

('doctors',)

dbse = mydb.cursor()

sql = "INSERT INTO Doctors (dr\_id , Patient\_visited) VALUES (**%s**,**%s**)"

val = [

('DID1','10'),

('DID2','3'),

('DID3','8'),

('DID5','0'),

('DID6','15'),

('DID7','9'),

('DID8','0'),

('DID65','0'),

('DID555','15'),

('DID269','9'),

('DID503','0'),

]

dbse.executemany(sql, val)

mydb.commit()

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

Output:-

11 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:-

DiD 1

DID3

DID6

DID7

DID555

DID269

### 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:-

DID5

DID8

DID65

DID503