Pharmacy Management System

Application of Python in Project

Group 3

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Percentage of Effort Contributed by Student 1: 100

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Code (to be copy-pasted in Google Colab)

```
!pip install mysql-connector-python
import mysql.connector


mydb = mysql.connector.connect(
    host = "sql5.freesqldatabase.com",
    user = "sql5699639",
    password = "WWH1DEC1RJ",
    database = "sql5699639"

)
```

```
import sqlite3


conn = sqlite3.connect('pharmacy.db')
cursor = conn.cursor()


cursor.execute('''CREATE TABLE IF NOT EXISTS pharmacy (
                    pharmacy_id INT,
                    pharmacy_name VARCHAR(255) NOT NULL,
                    location VARCHAR(255) NOT NULL,
                    phone_number VARCHAR(20),
                    opening_hours VARCHAR(50)
                )''')


cursor.executemany('''INSERT INTO pharmacy (pharmacy_id, pharmacy_name,
location, phone_number, opening_hours)
                      VALUES (?, ?, ?, ?, ?)''', [
    (1, 'ABC Pharmacy', '123 Main St, Boston', '555-123-4567', 'Mon-
Fri: 9am-7pm, Sat: 10am-5pm'),
    (2, 'XYZ Pharmacy', '456 Elm St, Philadelphia', '123-456-7890',
'Mon-Sat: 8am-8pm, Sun: 10am-4pm'),
```

```
    (3, 'QuickCare Pharmacy', '789 Oak St, MA', '555-789-0123', 'Mon-
Sun: 24 Hours'),
    (4, 'Sunset Pharmacy', '567 Sunset Blvd, Boston', '555-345-6789',
'Mon-Fri: 9am-6pm'),
    (5, 'Greenwood Pharmacy', '890 Maple Ave, Seattle', '234-567-8901',
'Mon-Sat: 10am-8pm, Sun: 12pm-6pm'),
    (6, 'Cityview Pharmacy', '111 City Ave, New York', '555-678-9012',
'Mon-Sun: 9am-10pm'),
    (7, 'Northside Pharmacy', '321 North St, Seattle', '555-222-3333',
'Mon-Fri: 8am-6pm, Sat: 9am-5pm'),
    (8, 'Central Pharmacy', '456 Central Ave, Seattle', '789-012-3456',
'Mon-Sat: 10am-7pm'),
    (9, 'Westend Pharmacy', '789 West Blvd, San Francisco', '555-666-
7777', 'Mon-Fri: 9am-8pm, Sat-Sun: 10am-6pm')
])


conn.commit()
conn.close()
```

```
mydb = mysql.connector.connect(
    host="sql5.freesqldatabase.com",
    user="sql5699639",
    password="WWH1DEC1RJ",
    database="sql5699639"
)

mycursor = mydb.cursor(buffered=True)
mycursor.execute("SELECT * FROM pharmacy")
result = mycursor.fetchall()
for x in result:
    print(x)
```

```
import sqlite3

conn = sqlite3.connect('pharmacy.db')
cursor = conn.cursor()
cursor.execute('''CREATE TABLE IF NOT EXISTS medicine (
                    medicine_id INT,
                    medicine_name VARCHAR(255) NOT NULL,
                    location_found VARCHAR(255) NOT NULL,
                    phone_number VARCHAR(20),
```

```
                    opening_hours VARCHAR(50)
                )''')


data_to_insert = [
    (1, 'Paracetamol', 'Pharmacy A', '123-456-7890', '9:00 AM - 5:00
PM'),
    (2, 'Aspirin', 'Pharmacy B', '456-789-0123', '8:00 AM - 6:00 PM'),
    (3, 'Ibuprofen', 'Pharmacy C', '789-012-3456', '10:00 AM - 4:00
PM'),
    (4, 'Omeprazole', 'Pharmacy D', '012-345-6789', '9:00 AM - 7:00
PM'),
    (5, 'Amoxicillin', 'Pharmacy E', '234-567-8901', '8:30 AM - 6:30
PM'),
    (6, 'Lisinopril', 'Pharmacy F', '345-678-9012', '10:00 AM - 5:00
PM')
]

cursor.executemany('''INSERT INTO medicine (medicine_id, medicine_name,
location_found, phone_number, opening_hours)
                      VALUES (?, ?, ?, ?, ?)''', data_to_insert)


conn.commit()
cursor.execute("SELECT * FROM medicine")
rows = cursor.fetchall()
for row in rows:
    print(row)
```