

**Experiment1.2**

**Student Name:** FIDA KHAN **UID:**23BCS10345

**Branch:**BE- CSE **Section/Group:**811- B

**Semester:** Fourth **Date of Performance:**25/01/2025

**Subject Name:**DBMS **Subject Code:**23CSH-205

1. **Aim:**

Design Pharmacy management system Tables:

Medicine: medicine\_id, name, category, price and stock. Supplier: suplier\_id, name, and contact number.

Prescription: prescription\_ id, patient\_id, medicine\_id, and quantity

1. **Objective:**

-Insert at least 15 record in each table

-Retrieve all medicines whose stock value is less then 5

-Find all prescriptions for a particular patient.

-Create A PL/SQL to display "Take your Medicines on Time".

1. **DBMS script and output:** CREATE TABLE Medicine ( medicine\_id INT PRIMARY KEY, name VARCHAR(100),

category VARCHAR(50), price DECIMAL(10, 2),

stock INT);

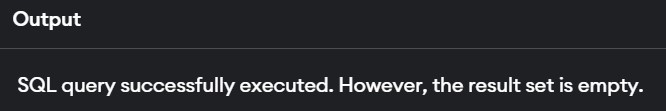
CREATE TABLE Supplier (

supplier\_id INT PRIMARY KEY, name VARCHAR(100),

contact\_number VARCHAR(15)); CREATE TABLE Prescription ( prescription\_id INT PRIMARY KEY, patient\_id INT,

medicine\_id INT, quantity INT,

FOREIGN KEY (medicine\_id) REFERENCES Medicine(medicine\_id)



INSERT INTO Medicine (medicine\_id, name, category, price, stock) VALUES (1, 'A', 'a', 5.99, 10),

(2, 'B', 'b', 7.49, 3),

(3, 'C', 'c', 12.99, 8),

(4, 'D', 'd', 15.99, 2),

(5, 'E', 'e', 10.99, 4),

(6, 'F', 'f', 14.99, 6),

(7, 'G', 'g', 9.99, 1),

(8, 'H', 'h', 19.99, 7),

(9, 'I', 'i', 25.99, 5),

(10, 'J', 'j', 8.99, 9),

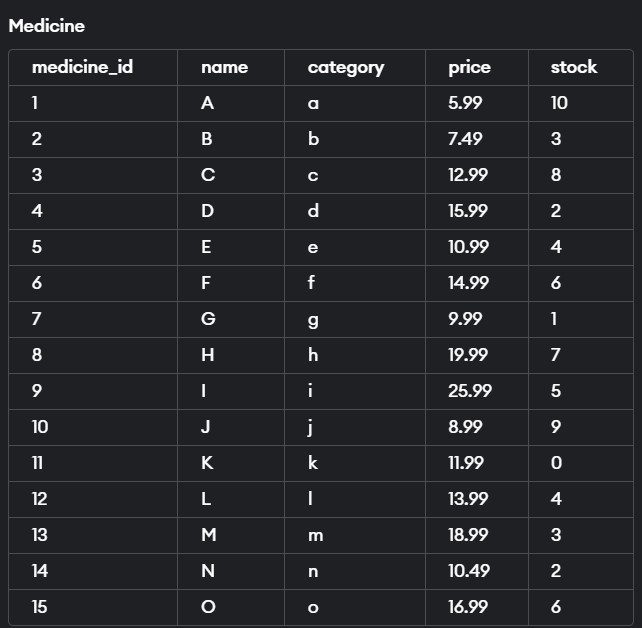
(11, 'K', 'k', 11.99, 0),

(12, 'L', 'l', 13.99, 4),

(13, 'M', 'm', 18.99, 3),

(14, 'N', 'n', 10.49, 2),

(15, 'O', 'o', 16.99, 6);



INSERT INTO Prescription (prescription\_id, patient\_id, medicine\_id, quantity) VALUES (1, 101, 1, 2),

(2, 101, 3, 1),

(3, 102, 2, 3),

(4, 103, 4, 1),

(5, 104, 5, 2),

(6, 105, 6, 1),

(7, 106, 7, 4),

(8, 107, 8, 1),

(9, 108, 9, 2),

(10, 109, 10, 1),

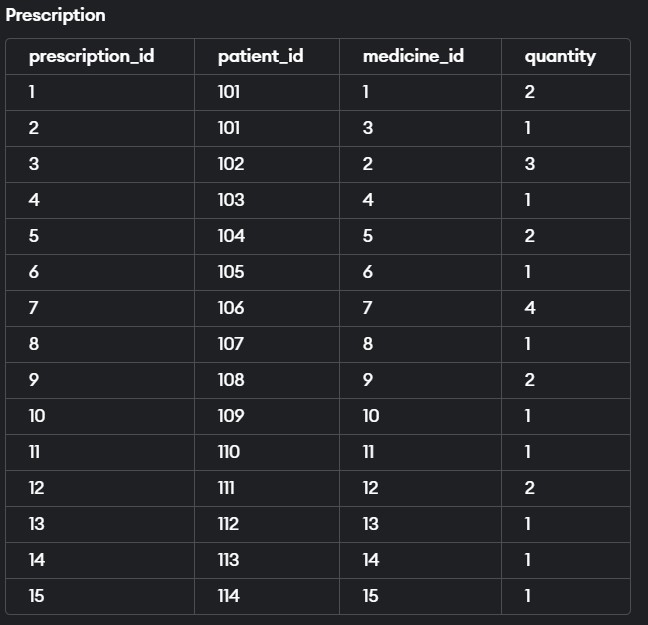
(11, 110, 11, 1),

(12, 111, 12, 2),

(13, 112, 13, 1),

(14, 113, 14, 1),

(15, 114, 15, 1);



INSERT INTO Supplier (supplier\_id, name, contact\_number) VALUES (1, 'sup1', '123-456-7890'),

(2, 'sup2', '234-567-8901'),

(3, 'sup3', '345-678-9012'),

(4, 'sup4', '456-789-0123'),

(5, 'sup5', '567-890-1234'),

(6, 'sup6', '678-901-2345'),

(7, 'sup7', '789-012-3456'),

(8, 'sup8', '890-123-4567'),

(9, 'sup9', '901-234-5678'),

(10, 'sup10', '012-345-6789'),

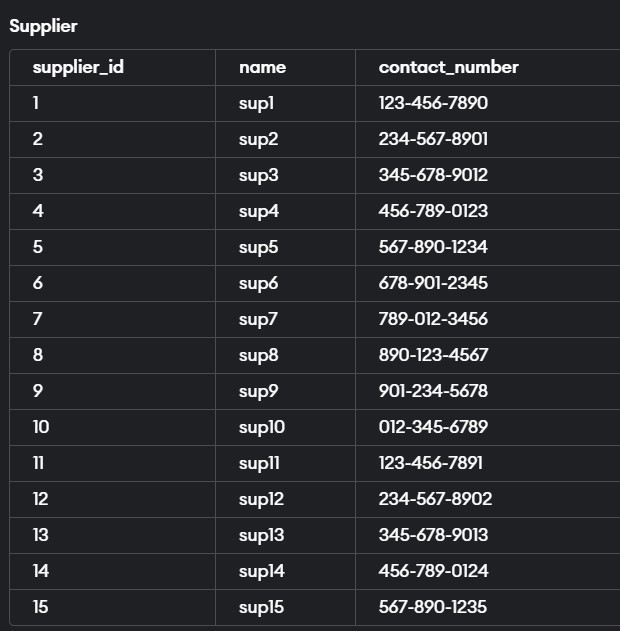
(11, 'sup11', '123-456-7891'),

(12, 'sup12', '234-567-8902'),

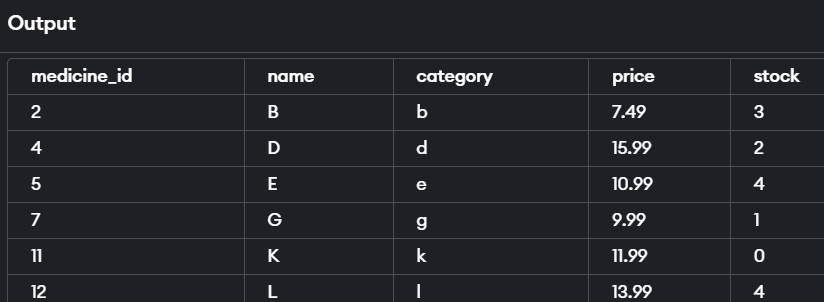
(13, 'sup13', '345-678-9013'),

(14, 'sup14', '456-789-0124'),

(15, 'sup15', '567-890-1235');

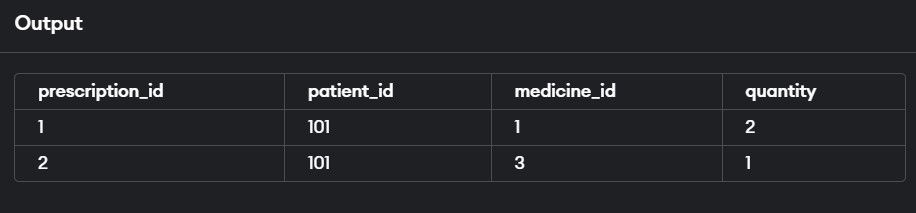
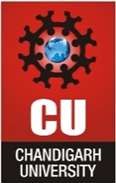


SELECT \* FROM Medicine WHERE stock < 5;



SELECT \*

FROM Prescription WHERE patient\_id = 101;



BEGIN DBMS\_OUTPUT.PUT\_LINE('Take your Medicines on Time');END;/