**CREATE TABLES**

**Create Customers table using below query:**

CREATE TABLE Customers ( Customer\_Id int (100) PRIMARY KEY, Name char(50) NOT NULL, Email\_id varchar(50) UNIQUE, signup\_date DATE);

**Create Products table using below query:**

CREATE TABLE Products ( product\_id INT AUTO\_INCREMENT PRIMARY KEY, name VARCHAR(255) NOT NULL, price DECIMAL(10,2) NOT NULL, stock INT NOT NULL );

**Create Orders table using below query:**

CREATE TABLE Orders ( order\_id INT AUTO\_INCREMENT PRIMARY KEY, customer\_id INT NOT NULL, order\_date DATE NOT NULL, status VARCHAR(50) );

**Create OrderDetails table using below query:**

CREATE TABLE OrderDetails ( order\_detail\_id INT AUTO\_INCREMENT PRIMARY KEY, order\_id INT NOT NULL, product\_id INT NOT NULL, quantity INT NOT NULL, FOREIGNKEY (order\_id)REFERENCES Orders(order\_id), FOREIGNKEY (product\_id)REFERENCES Products(product\_id) );

**Create Payments table using below query:**

CREATE TABLE Payments ( payment\_id INT AUTO\_INCREMENT PRIMARY KEY, order\_id INT NOT NULL, amount DECIMAL(10,2) NOT NULL, payment\_date DATE NOT NULL, payment\_status VARCHAR(50), FOREIGNKEY (order\_id)REFERENCES Orders(order\_id) );

**INSERT DATA**

**Insert data in the Customers table using below query:**

INSERT INTO Customers (Customer\_Id, Name, Email\_id, signup\_date) VALUES

(1, 'Amit Sharma', 'amit.sharma@gmail.com', '2024-01-05'),

(2, 'Priya Singh', 'priya.singh@gmail.com', '2024-01-12'),

(3, 'Ravi Verma', 'ravi.verma@yahoo.com', '2024-01-20'),

(4, 'Neha Patil', 'neha.patil@hotmail.com', '2024-02-02'),

(5, 'Vikram Rao', 'vikram.rao@gmail.com', '2024-02-18'),

(6, 'Anjali Mehta', 'anjali.mehta@outlook.com', '2024-03-01'),

(7, 'Suresh Kumar', 'suresh.kumar@gmail.com', '2024-03-10'),

(8, 'Divya Nair', 'divya.nair@gmail.com', '2024-03-22'),

(9, 'Arjun Yadav', 'arjun.yadav@gmail.com', '2024-04-05'),

(10, 'Sneha Joshi', 'sneha.joshi@gmail.com', '2024-04-16'),

(11, 'Manish Tiwari', 'manish.tiwari@gmail.com', '2024-05-03'),

(12, 'Pooja Reddy', 'pooja.reddy@gmail.com', '2024-05-18');

**Insert data in the products table using below query:**

INSERT INTO Products (name, price, stock) VALUES

('Smartphone - Redmi Note 12', 13999.00, 25),

('Laptop - HP Pavilion', 58990.00, 10),

('Wireless Earbuds - boAt Airdopes', 1499.00, 40),

('Bluetooth Speaker - JBL Go', 2199.00, 20),

('Power Bank - Mi 10000mAh', 999.00, 50),

('Smartwatch - Noise ColorFit', 2999.00, 30),

('LED Monitor - Samsung 24"', 10999.00, 12),

('Keyboard - Logitech K120', 699.00, 35),

('Mouse - HP Wired', 499.00, 40),

('External HDD - Seagate 1TB', 3999.00, 15),

('Printer - HP DeskJet 2331', 3799.00, 10),

('Tablet - Samsung Galaxy Tab A7', 17999.00, 8);

**Insert data in the Orders table using below query:**

INSERT INTO Orders (customer\_id, order\_date, status) VALUES

(1, '2024-01-06', 'Delivered'),

(2, '2024-01-15', 'Shipped'),

(3, '2024-01-22', 'Pending'),

(4, '2024-02-03', 'Delivered'),

(5, '2024-02-20', 'Cancelled'),

(6, '2024-03-02', 'Shipped'),

(7, '2024-03-12', 'Delivered'),

(8, '2024-03-24', 'Pending'),

(9, '2024-04-06', 'Shipped'),

(10, '2024-04-17', 'Delivered'),

(11, '2024-05-04', 'Delivered'),

(12, '2024-05-19', 'Processing');

**Insert data in the OrderDetails table using below query:**

INSERT INTO OrderDetails (order\_id, product\_id, quantity) VALUES

(1, 1, 1),

(2, 3, 2),

(3, 2, 1),

(4, 6, 1),

(5, 5, 2),

(6, 7, 1),

(7, 4, 1),

(8, 9, 2),

(9, 8, 1),

(10, 10, 1),

(11, 11, 1),

(12, 12, 1);

**Insert data in the Payments table using below query:**

INSERT INTO Payments (order\_id, amount, payment\_date, payment\_status) VALUES

(1, 13999.00, '2024-01-06', 'Paid'),

(2, 2998.00, '2024-01-15', 'Paid'),

(3, 58990.00, '2024-01-22', 'Pending'),

(4, 2999.00, '2024-02-03', 'Paid'),

(5, 1998.00, '2024-02-20', 'Refunded'),

(6, 10999.00, '2024-03-02', 'Paid'),

(7, 2199.00, '2024-03-12', 'Paid'),

(8, 998.00, '2024-03-24', 'Pending'),

(9, 699.00, '2024-04-06', 'Paid'),

(10, 3999.00, '2024-04-17', 'Paid'),

(11, 3799.00, '2024-05-04', 'Paid'),

(12, 17999.00, '2024-05-19', 'Processing');