```sql
-- Create database
CREATE DATABASE WholesaleDB;

-- Use the database
USE WholesaleDB;

-- Table to store product information
CREATE TABLE Products (
    ProductID INT AUTO_INCREMENT PRIMARY KEY,
    ProductName VARCHAR(255) NOT NULL,
    Description TEXT,
    Price DECIMAL(10, 2) NOT NULL,
    StockQuantity INT NOT NULL
);

-- Table to store supplier information
CREATE TABLE Suppliers (
    SupplierID INT AUTO_INCREMENT PRIMARY KEY,
    SupplierName VARCHAR(255) NOT NULL,
    ContactName VARCHAR(255),
    ContactEmail VARCHAR(100),
    PhoneNumber VARCHAR(20),
    Address TEXT
);

-- Table to store customer information
CREATE TABLE Customers (
    CustomerID INT AUTO_INCREMENT PRIMARY KEY,
    CustomerName VARCHAR(255) NOT NULL,
    ContactName VARCHAR(255),
```

```sql
    ContactEmail VARCHAR(100),

    PhoneNumber VARCHAR(20),

    Address TEXT

);


-- Table to store order information

CREATE TABLE Orders (

    OrderID INT AUTO_INCREMENT PRIMARY KEY,

    CustomerID INT,

    OrderDate DATE NOT NULL,

    TotalAmount DECIMAL(10, 2) NOT NULL,

    FOREIGN KEY (CustomerID) REFERENCES Customers(CustomerID)

);


-- Table to store order details

CREATE TABLE OrderDetails (

    OrderDetailID INT AUTO_INCREMENT PRIMARY KEY,

    OrderID INT,

    ProductID INT,

    Quantity INT NOT NULL,

    UnitPrice DECIMAL(10, 2) NOT NULL,

    FOREIGN KEY (OrderID) REFERENCES Orders(OrderID),

    FOREIGN KEY (ProductID) REFERENCES Products(ProductID)

);


-- Example Inserts into Products table

INSERT INTO Products (ProductName, Description, Price, StockQuantity) VALUES

('Widget A', 'High-quality widget', 19.99, 100),

('Widget B', 'Standard widget', 9.99, 200),

('Gadget C', 'Advanced gadget', 49.99, 50);
```

```sql
-- Example Inserts into Suppliers table

INSERT INTO Suppliers (SupplierName, ContactName, ContactEmail, PhoneNumber, Address)
VALUES

('Supplier One', 'John Doe', 'john.doe@supplierone.com', '555-1234', '123 Supplier Lane,
Metropolis'),

('Supplier Two', 'Jane Smith', 'jane.smith@suppliertwo.com', '555-5678', '456 Supplier Avenue,
Gotham');


-- Example Inserts into Customers table

INSERT INTO Customers (CustomerName, ContactName, ContactEmail, PhoneNumber,
Address) VALUES

('Retailer A', 'Alice Johnson', 'alice.johnson@retailera.com', '555-8765', '789 Retail Road,
Metropolis'),

('Retailer B', 'Bob Brown', 'bob.brown@retailerb.com', '555-4321', '101 Retail Lane, Gotham');


-- Example Inserts into Orders table

INSERT INTO Orders (CustomerID, OrderDate, TotalAmount) VALUES

(1, '2024-08-10', 149.95),  -- Retailer A

(2, '2024-08-11', 29.97);   -- Retailer B


-- Example Inserts into OrderDetails table

INSERT INTO OrderDetails (OrderID, ProductID, Quantity, UnitPrice) VALUES

(1, 1, 5, 19.99),  -- 5 Widget A for Retailer A

(1, 2, 10, 9.99),  -- 10 Widget B for Retailer A

(2, 3, 1, 49.99); -- 1 Gadget C for Retailer B

INSERT INTO Suppliers (SupplierName, ContactName, ContactEmail, PhoneNumber, Address)

VALUES ('Supplier Three', 'Emily Clark', 'emily.clark@supplierthree.com', '555-6789', '202
Supplier Street, Smalltown');

INSERT INTO Customers (CustomerName, ContactName, ContactEmail, PhoneNumber,
Address)

VALUES ('Retailer C', 'Chris Lee', 'chris.lee@retailerc.com', '555-3456', '303 Retail Road,
Bigcity');
```

```sql
-- Insert order
INSERT INTO Orders (CustomerID, OrderDate, TotalAmount)
VALUES (3, '2024-08-12', 179.98);


-- Insert order details
INSERT INTO OrderDetails (OrderID, ProductID, Quantity, UnitPrice)
VALUES (3, 1, 8, 19.99),   -- 8 Widget A for Retailer C
    (3, 3, 2, 49.99);   -- 2 Gadget C for Retailer C
SELECT * FROM Products;
SELECT * FROM Customers;
SELECT o.OrderID, c.CustomerName, o.OrderDate, o.TotalAmount
FROM Orders o
JOIN Customers c ON o.CustomerID = c.CustomerID;
SELECT o.OrderID, p.ProductName, od.Quantity, od.UnitPrice
FROM OrderDetails od
JOIN Orders o ON od.OrderID = o.OrderID
JOIN Products p ON od.ProductID = p.ProductID
WHERE o.OrderID = 1;  -- For order with ID 1
SELECT o.OrderID, p.ProductName, od.Quantity, od.UnitPrice
FROM OrderDetails od
JOIN Orders o ON od.OrderID = o.OrderID
JOIN Products p ON od.ProductID = p.ProductID
WHERE o.OrderID = 1;  -- For order with ID 1
SELECT o.OrderID, o.OrderDate, p.ProductName, od.Quantity, od.UnitPrice
FROM Orders o
JOIN OrderDetails od ON o.OrderID = od.OrderID
JOIN Products p ON od.ProductID = p.ProductID
WHERE o.CustomerID = 1;  -- For customer with ID 1
```