-- Create the suppliers table

CREATE TABLE suppliers (

supplier\_id INT PRIMARY KEY,

supplier\_name VARCHAR(100) NOT NULL,

contact\_name VARCHAR(100),

phone\_number VARCHAR(20)

);

-- Create the products table

CREATE TABLE products (

product\_id INT PRIMARY KEY,

product\_name VARCHAR(100) NOT NULL,

supplier\_id INT,

unit\_price DECIMAL(10, 2) NOT NULL,

stock\_quantity INT DEFAULT 0,

FOREIGN KEY (supplier\_id) REFERENCES suppliers(supplier\_id)

);

-- Create the orders table

CREATE TABLE orders (

order\_id INT PRIMARY KEY,

product\_id INT,

quantity INT NOT NULL,

order\_date datetime DEFAULT(getdate()),

total\_price DECIMAL(10, 2) NOT NULL,

FOREIGN KEY (product\_id) REFERENCES products(product\_id)

);

-- The first value of supplier table has all details provided

INSERT INTO suppliers (supplier\_id, supplier\_name, contact\_name, phone\_number)

VALUES (1, 'Global Tech Inc.', 'Sara Connor', '555-100-2000');

select \* from suppliers

-- The second value of supplier is inserted with missing contact details, which will be stored as NULL

INSERT INTO suppliers (supplier\_id, supplier\_name)

VALUES (2, 'Food Mart Co.');

select \* from suppliers

-- The first value product is inserted with an explicit stock quantity

INSERT INTO products (product\_id, product\_name, supplier\_id, unit\_price, stock\_quantity)

VALUES (101, 'Laptop', 1, 1200.00, 50);

select \* from products

-- The second product is inserted without specifying stock\_quantity,

-- which will use the DEFAULT value of 0

INSERT INTO products (product\_id, product\_name, supplier\_id, unit\_price)

VALUES (102, 'T-Shirt', 2, 25.00);

select \* from products

--Update the unit price of a specific product

UPDATE products

SET unit\_price = 1150.00

WHERE product\_id = 101;

select \* from products

-- Update the stock quantity and supplier for a product

UPDATE products

SET stock\_quantity = 100, supplier\_id = 1

WHERE product\_name = 'T-Shirt';

select \* from products

--Replacing the null values for supplier tables

UPDATE suppliers

SET contact\_name = 'James Bond', phone\_number = '555-007-0070'

WHERE supplier\_id = 2;

select \* from suppliers

-- Delete a specific order

DELETE FROM orders

WHERE order\_id = 1001;

select \* from orders

DELETE FROM products

WHERE product\_id = 102;

select \* from products