DS1_C2_S7_V5_Stored_Procedure_Concept_SQL_Script

```sql
-- Create database
CREATE DATABASE IF NOT EXISTS ecommercedb;
-- activate database
USE ecommercedb;


-- Create Customers table
CREATE TABLE customers (
  customer_id INT PRIMARY KEY AUTO_INCREMENT,
  first_name VARCHAR(50) NOT NULL,
  last_name VARCHAR(50) NOT NULL,
  email VARCHAR(100) UNIQUE NOT NULL
);
-- Create Products table
CREATE TABLE products (
  product_id INT PRIMARY KEY AUTO_INCREMENT,
  name VARCHAR(100) NOT NULL,
  price DECIMAL(10,2) NOT NULL,
  category VARCHAR(50) NOT NULL
);
-- Create Orders table
CREATE TABLE orders (
  order_id INT PRIMARY KEY AUTO_INCREMENT,
  customer_id INT NOT NULL,
  product_id INT NOT NULL,
  quantity INT NOT NULL,
  order_date DATE NOT NULL,
  FOREIGN KEY (customer_id) REFERENCES customers(customer_id),
  FOREIGN KEY (product_id) REFERENCES products(product_id)
);
```

```sql
-- Insert records into Customers table
INSERT INTO customers (first_name, last_name, email)
VALUES ('John', 'Doe', 'john.doe@example.com'),
    ('Jane', 'Smith', 'jane.smith@example.com'),
    ('Michael', 'Lee', 'michael.lee@example.com');
-- Insert records into Products table
INSERT INTO products (name, price, category)
VALUES ('Laptop', 899.99, 'Electronics'),
    ('Headphones', 79.99, 'Electronics'),
    ('Shirt', 24.99, 'Clothing');
-- Insert records into Orders table
INSERT INTO orders (customer_id, product_id, quantity, order_date)
VALUES (1, 1, 1, '2024-03-10'),
    (2, 2, 2, '2024-03-12'),
    (3, 3, 1, '2024-03-08');
```