CREATE TABLE Categories (

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100) NOT NULL

);

CREATE TABLE Products (

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

price DECIMAL(10, 2) NOT NULL,

category\_id INT NOT NULL,

quantity INT NOT NULL,

FOREIGN KEY (category\_id) REFERENCES Categories(id)

);

CREATE TABLE Customers (

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

email VARCHAR(100) NOT NULL

);

CREATE TABLE Orders (

id INT AUTO\_INCREMENT PRIMARY KEY,

customer\_id INT NOT NULL,

product\_id INT NOT NULL,

FOREIGN KEY (customer\_id) REFERENCES Customers(id),

FOREIGN KEY (product\_id) REFERENCES Products(id)

);

