-- Create database

DROP DATABASE IF EXISTS market;

CREATE DATABASE market;

USE market;

-- Create tables

CREATE TABLE customers (

id INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

Fname VARCHAR(20),

Lname VARCHAR(20)

);

CREATE TABLE customers\_phone (

phone VARCHAR(25) NOT NULL,

customer\_id INT,

PRIMARY KEY (phone, customer\_id),

FOREIGN KEY (customer\_id) REFERENCES customers(id)

);

CREATE TABLE customers\_address (

customer\_id INT,

city VARCHAR(20),

district VARCHAR(25),

street VARCHAR(25),

building INT,

apartment INT,

FOREIGN KEY (customer\_id) REFERENCES customers(id)

);

CREATE TABLE discounts (

id INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(20),

value FLOAT,

customer\_id INT,

FOREIGN KEY (customer\_id) REFERENCES customers(id)

);

CREATE TABLE orders (

id INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

date DATE,

customer\_id INT,

CONSTRAINT fk\_orders\_customers FOREIGN KEY (customer\_id) REFERENCES customers(id)

);

CREATE TABLE products (

id INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(20),

price FLOAT

);

CREATE TABLE order\_product (

order\_id INT,

product\_id INT,

quantity INT,

PRIMARY KEY (order\_id, product\_id),

FOREIGN KEY (order\_id) REFERENCES orders(id),

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

);

CREATE TABLE suppliers (

id INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(20)

);

CREATE TABLE suppliers\_phone (

phone VARCHAR(15),

supplier\_id INT,

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

PRIMARY KEY (phone, supplier\_id)

);

CREATE TABLE suppliers\_address (

supplier\_id INT,

city VARCHAR(20),

district VARCHAR(25),

street VARCHAR(25),

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

PRIMARY KEY (supplier\_id)

);

CREATE TABLE product\_supplier (

product\_id INT,

supplier\_id INT,

date DATE,

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

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

PRIMARY KEY (product\_id, supplier\_id)

);