--CREATE DATABASE grocery\_store\_management;

--CREATE TABLE Categories ( category\_id INT PRIMARY KEY AUTO\_INCREMENT,

category\_name VARCHAR(100) NOT NULL );

--INSERT INTO `categories` (`category\_id`, `category\_name`)

VALUES (NULL, 'Bakery'), (NULL, 'Beverages')

(NULL, 'Dairy and eggs'), (NULL, 'Meat and seafood')

(NULL, 'Snacks'), (NULL, 'Frozen foods')(NULL, 'Baby Products');

--CREATE TABLE Suppliers (

supplier\_id INT PRIMARY KEY AUTO\_INCREMENT,

supplier\_name VARCHAR(100) NOT NULL,

contact\_name VARCHAR(100),

contact\_email VARCHAR(100),

contact\_phone VARCHAR(20),

address VARCHAR(100)

);

--INSERT INTO `suppliers` (`supplier\_id`, `name`, `contact\_email`, `contact\_phone`, `address`)

VALUES (NULL, 'Alam', 'alam@gmail.com', '6765456', 'Barishal'),

(NULL, 'Basar', 'basar@gmail.com', '456545633', 'Barishal'),

(NULL, 'Azad', 'azad@gmail.com', '56765456', 'Dhaka'),

(NULL, 'Jakir', 'jakir@gmail.com', '56543212', 'Khulna'),

(NULL, 'Basar', 'basar@gmail.com', '45678909', 'Khulna');

--CREATE TABLE Products (

product\_id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(100) NOT NULL,

description VARCHAR(100),

category\_id INT,

supplier\_id INT,

price DECIMAL(10, 2) NOT NULL,

quantity\_in\_stock INT,

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

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

);

--INSERT INTO `products` (`product\_id`, `product\_name`, `description`, `category\_id`, `supplier\_id`, `price`, `quantity\_in\_stock`)

VALUES (NULL, 'Chicken', 'Good quality', '4', '1', '300', '150'),

(NULL, 'Beef', 'Good quality', '4', '3', '700', '100'),

(NULL, 'Fish', 'High quality', '4', '3', '500', '100'),

(NULL, 'Bread', 'Healthy breakfast', '1', '1', '50', '100'),

(NULL, 'Milk and Yogart', 'High quality', '3', '5', '200', '100'),

(NULL, 'Cheese and Butter', 'Good quality', '3', '5', '300', '100'),

(NULL, 'Cake and cookies', 'High quality', '1', '4', '200', '100'),

(NULL, 'Frozen seafood', 'High quality', '6', '1', '250', '100'),

(NULL, 'Coffee and tea', 'High quality', '2', '1', '100', '200'),

(NULL, 'Soft Drinks', 'Good quality', '2', '1', '50', '250'),

(NULL, 'Chips and Crackers', 'Tasty', '5', '3', '40', '100'),

(NULL, 'Candy and chocolates', 'Delicious', '5', '5', '150','150'),

(NULL, 'Baby foods', 'High quality', '7', '4', '200', '100'),

(NULL, 'Diapers and wipes', 'Affordable', '7', '4', '230', '100'),

(NULL, 'Frozen Vagetables', 'Good quality', '6', '1', '100', '100'),

(NULL, 'Water', 'Affordable', '2', '2', '20', '200'),

(NULL, 'Eggs', 'Healthy', '3', '2', '50', '50'),

(NULL, 'Dried fruits', 'Healthy', '5', '3', '100', '150');

--CREATE TABLE Customers (

customer\_id INT PRIMARY KEY AUTO\_INCREMENT,

first\_name VARCHAR(100) NOT NULL,

email VARCHAR(100),

phone VARCHAR(20),

address VARCHAR(100)

);

--INSERT INTO `customers` (`customer\_id`, `name`, `email`, `phone`, `address`)

VALUES (NULL, 'Arif', 'arif@gmail.com', '23432123', 'Barishal'),

(NULL, 'Asif', 'asif@gmail.com', '23456789', 'Dhaka'),

(NULL, 'Rafiq', 'rafiq@gmail.com', '456765434', 'Khulna'),

(NULL, 'Babar', 'babar@gmail.com', '34567898', 'Khulna'),

(NULL, 'Racel', 'racel@gmail.com', '496765434', 'Khulna'),

(NULL, 'kabir', 'kabir@gmail.com', '34568898', 'Khulna'),

(NULL, 'kazi', 'kazi@gmail.com', '34568888', 'Barishal'),

(NULL, 'Abir', 'abir@gmail.com', '34508898', 'Khulna'),

(NULL, 'Asad', 'asad@gmail.com', '34567654', 'Barishal'),

(NULL, 'Rajib', 'rajib@2gmail.com', '34544345', 'Dhaka');

--CREATE TABLE Orders (

order\_id INT PRIMARY KEY AUTO\_INCREMENT,

product\_id INT

customer\_id INT,

order\_date DATETIME NOT NULL,

quantity DECIMAL(10, 2),

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

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

);

--INSERT INTO `orders` (`order\_id`, `customer\_id`, `order\_date`, `quantity`, `product\_id`) VALUES (NULL, '1', '2024-06-06 19:32:20.000000', '2', '4'),

(NULL, '3', '2024-06-06 19:32:20.000000', '3', '9'),

(NULL, '5', '2024-06-06 19:35:16.000000', '2', '13'),

(NULL, '6', '2024-06-06 19:35:16.000000', '3', '16'),

(NULL, '3', '2024-06-06 19:36:56.000000', '5', '10'),

(NULL, '4', '2024-06-06 19:36:56.000000', '3', '2'),

(NULL, '10', '2024-06-06 19:38:54.000000', '2', '1'),

(NULL, '8', '2024-06-06 19:38:54.000000', '3', '12'),

(NULL, '9', '2024-06-06 19:40:40.000000', '2', '11'),

(NULL, '9', '2024-06-06 19:40:40.000000', '3', '16'),

(NULL, '6', '20', '2024-02-05 23:50:46'),

(NULL, '2', '10', '2024-04-01 23:50:46')

(NULL, '5', '50', '2024-06-05 23:52:18'),

(NULL, '18', '200', '2024-03-12 23:52:18');;

--CREATE TABLE Inventory (

inventory\_id INT PRIMARY KEY AUTO\_INCREMENT,

product\_id INT,

quantity INT NOT NULL,

last\_restock\_date DATETIME,

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

);

--INSERT INTO `inventory` (`inventory\_id`, `product\_id`, `quantity`, `last\_restock\_date`)

VALUES (NULL, '11', '100', '2024-06-02 23:42:34'),

(NULL, '9', '150', '2024-05-15 23:42:34'),

(NULL, '4', '100', '2024-03-09 23:46:02'),

(NULL, '20', '30', '2024-02-06 23:46:02');

--CREATE TABLE Employees (

employee\_id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(100) NOT NULL,

email VARCHAR(100),

phone VARCHAR(20),

position VARCHAR(100),

hire\_date DATETIME

);

--INSERT INTO `employees` (`employee\_id`, `name`, `email`, `phone`, `position`, `hire\_date`)

VALUES (NULL, 'Taleb', 'taleb@gmail.com', '45676545', 'Cashier', '2020-06-03'),

(NULL, 'Asiq', 'asiq@gmail.com', '56787654', 'Salesman', '2021-06-10'),

(NULL, 'Rajjak', 'rajjak@gmail.com', '56789098', 'Store Manager', '2019-06-03'),

(NULL, 'Rahim', 'rahim@gmail.com', '56787656', 'Salesman', '2021-06-14');