CREATE TABLE Customers(

CustomerID int AUTO\_INCREMENT PRIMARY KEY,

Name varchar(255),

Email varchar(255),

PhoneNumber varchar(255)

);

CREATE TABLE Products(

ProductID int AUTO\_INCREMENT PRIMARY KEY,

Name varchar(255),

Description TEXT,

Price int,

Category varchar(255)

);

CREATE TABLE Orders(

Number int,

Date datetime,

CustomerID int

);

CREATE TABLE OrderDetails(

ProductID int,

Quantity int,

Price float

);

CREATE TABLE Categories (

CategoryID int AUTO\_INCREMENT PRIMARY KEY,

Name varchar(255) NOT NULL,

Description TEXT NOT NULL

);

CREATE TABLE Product\_Categories (

ProductID INT NOT NULL,

CategoryID INT NOT NULL

);

CREATE TABLE Order\_Status (

StatusID int AUTO\_INCREMENT PRIMARY KEY,

Name VARCHAR(255) NOT NULL

);

CREATE TABLE Users(

Username varchar(255) PRIMARY KEY NOT NULL,

Password varchar(255)

);

ALTER TABLE Orders

ADD CONSTRAINT FK\_Orders\_Customers

FOREIGN KEY (CustomerID)

REFERENCES Customers(CustomerID)

ON DELETE CASCADE;

ALTER TABLE Orders

ADD CONSTRAINT FK\_Orders\_Order\_Status

FOREIGN KEY (StatusID)

REFERENCES Order\_Status(StatusID)

ON DELETE CASCADE;

ALTER TABLE OrderDetails

ADD CONSTRAINT FK\_OrderDetails\_Orders

FOREIGN KEY (Order\_Number)

REFERENCES Orders(Number)

ON DELETE CASCADE;

ALTER TABLE OrderDetails

ADD CONSTRAINT FK\_OrderDetails\_Products

FOREIGN KEY (ProductID)

REFERENCES Products(ProductID)

ON DELETE CASCADE;

ALTER TABLE Product\_Categories

ADD CONSTRAINT FK\_Product\_Categories\_Products

FOREIGN KEY (ProductID)

REFERENCES Products(ProductID)

ON DELETE CASCADE;

ALTER TABLE Product\_Categories

ADD CONSTRAINT FK\_Product\_Categories\_Categories

FOREIGN KEY (CategoryID)

REFERENCES Categories(CategoryID)

ON DELETE CASCADE;