

DDL_BookShop

```
DROP DATABASE IF EXISTS BookShop;  
CREATE DATABASE BookShop;
```

```
USE BookShop;
```

```
DROP TABLE IF EXISTS Publisher;  
CREATE TABLE Publisher(  
    PublisherID INT PRIMARY KEY,  
    Publishername VARCHAR(45),  
    PublisherPhone INT,  
    URL VARCHAR(45),  
    PublisherAddress VARCHAR(45)  
);
```

```
DROP TABLE IF EXISTS Author;  
CREATE TABLE Author(  
    AuthorID INT PRIMARY KEY,  
    Authorname VARCHAR(45),  
    AuthorAddress VARCHAR(45)  
);
```

```
DROP TABLE IF EXISTS Book;  
CREATE TABLE Book(  
    ISBN VARCHAR(20) PRIMARY KEY,  
    Year SMALLDATETIME,  
    Title VARCHAR(45),  
    Price FLOAT,  
    PublisherID INT FOREIGN KEY REFERENCES Publisher(PublisherID),  
    AuthorID INT FOREIGN KEY REFERENCES Author(AuthorID)  
);
```

```
DROP TABLE IF EXISTS Warehouse;  
CREATE TABLE Warehouse(  
    code INT PRIMARY KEY,  
    WarehousePhone VARCHAR(45),  
    WarehouseAddress VARCHAR(45)  
);
```

```
DROP TABLE IF EXISTS Warehouse_have_books;  
CREATE TABLE Warehouse_have_books(  
    Book_ISBN VARCHAR(20) FOREIGN KEY REFERENCES Book(ISBN),  
    Warehouse_code INT FOREIGN KEY REFERENCES Warehouse(code),  
    count int  
);
```

```
DROP TABLE IF EXISTS Customer;  
CREATE TABLE Customer(  
    CustomerEmail VARCHAR(45) PRIMARY KEY,  
    CustomerName VARCHAR(45),  
    CustomerPhone INT,  
    CustomerAddress VARCHAR(45)  
);
```

```
DROP TABLE IF EXISTS ShoppingBasket;
```

```
CREATE TABLE ShoppingBasket(
ShoppingBasketID INT PRIMARY KEY,
CustomerEmail VARCHAR(45) FOREIGN KEY REFERENCES Customer(CustomerEmail)
);
```

```
DROP TABLE IF EXISTS ShoppingBasket_have_books;
CREATE TABLE ShoppingBasket_have_books(
Book_ISBN VARCHAR(20) FOREIGN KEY REFERENCES Book(ISBN),
ShoppingBasketID INT FOREIGN KEY REFERENCES ShoppingBasket(ShoppingBasketID),
count INT
);
```

