CREATE DATABASE bookstore;

USE bookstore;

CREATE table author(author\_id integer PRIMARY KEY NOT NULL, birthdate date, gender varchar(10), firstn varchar(10), lastn varchar(10));

CREATE TABLE supplier(supplier\_id integer PRIMARY KEY NOT NULL, sname varchar(20));

CREATE TABLE books(

ISBN integer PRIMARY KEY NOT NULL,

title varchar(50),

price decimal(10,2),

reviews varchar(100),

publish\_date date,

supplier\_id integer,

foreign key (supplier\_id) references supplier(supplier\_id));

CREATE TABLE bookCategory(

category\_code INTEGER PRIMARY KEY NOT NULL,

category\_description varchar(100),

ISBN integer,

foreign key (ISBN) references books(ISBN));

create table warehouse(

author\_id integer,

ISBN integer,

stock integer,

PRIMARY KEY (author\_id, ISBN),

foreign key (author\_id) references author(author\_id),

foreign key (ISBN) references books(ISBN)

);

create table supply\_rep(

fname varchar(20),

lname varchar(20),

cell\_number varchar(15),

work\_number varchar(15),

email varchar(60),

supplier\_id integer,

primary key (fname, lname),

foreign key (supplier\_id) references supplier(supplier\_id)

);

create table customers(

customer\_id integer not null,

fname varchar(20),

lanme varchar(20),

contact\_id integer unique,

primary key (customer\_id)

);

create table customer\_contact\_details(

contact\_id integer not null,

customer\_id integer not null,

primary key (contact\_id, customer\_id),

foreign key (customer\_id) references customers(customer\_id)

);

create table orders(

order\_id integer not null,

order\_date date,

order\_value decimal(10,2),

customer\_id integer not null,

primary key (order\_id),

foreign key (customer\_id) references customers(customer\_id)

);

create table customer\_number(

phone varchar(15),

contact\_id integer,

customer\_id integer,

primary key (contact\_id, customer\_id),

foreign key (contact\_id) references customers(contact\_id),

foreign key (customer\_id) references customers(customer\_id)

);

create table customer\_email(

email varchar(50) not null,

contact\_id integer,

customer\_id integer,

primary key (contact\_id, customer\_id),

foreign key (contact\_id) references customers(contact\_id),

foreign key (customer\_id) references customers(customer\_id)

);

create table customer\_address(

address varchar(30) not null,

contact\_id integer,

customer\_id integer,

primary key (contact\_id, customer\_id),

foreign key (contact\_id) references customers(contact\_id),

foreign key (customer\_id) references customers(customer\_id)

);

create table author\_contact\_details(

contact\_id integer not null unique,

author\_id integer not null unique,

primary key (contact\_id, author\_id),

foreign key (author\_id) references author(author\_id)

);

create table author\_number(

phone varchar(15) not null,

contact\_id integer,

author\_id integer,

primary key (contact\_id, author\_id),

foreign key (contact\_id) references author\_contact\_details(contact\_id),

foreign key (author\_id) references author(author\_id)

);

create table author\_address(

address varchar(50),

contact\_id integer,

author\_id integer,

primary key (contact\_id, author\_id),

foreign key (contact\_id) references author\_contact\_details(contact\_id),

foreign key (author\_id) references author(author\_id)

);

create table author\_email(

email varchar(50) not null,

contact\_id integer,

author\_id integer,

primary key (contact\_id, author\_id),

foreign key (contact\_id) references author\_contact\_details(contact\_id),

foreign key (author\_id) references author(author\_id)

);

create table order\_items(

item\_numbers integer not null,

item\_price decimal(10,2),

order\_id integer,

ISBN integer,

primary key (item\_numbers, order\_id),

foreign key (order\_id) references orders(order\_id),

foreign key (ISBN) references books(ISBN)

);