

```
create database Rental;  
connect to Rental;
```

```
create table AUTHOR(  
author_ID int not null GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY  
1),  
author_FNAME varchar(15),  
author_LNAME varchar(15),  
primary key(author_ID)  
);
```

```
create table PUBLISHER(  
publisher_ID int not null GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT  
BY 1),  
publisher_NAME varchar(30),  
publisher_street varchar(20),  
publisher_zip_code varchar(10),  
publisher_city varchar(15),  
publisher_state varchar(15),  
primary key(publisher_ID)  
);
```

```
create table CUSTOMER(  
customer_ID int not null GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT  
BY 1),  
customer_email varchar(45),  
customer_FNAME varchar(15),  
customer_LNAME varchar(15),  
customer_tel varchar(20),  
customer_street varchar(20),  
customer_zip_code varchar(10),  
customer_city varchar(15),  
customer_state varchar(15),  
primary key(customer_ID)  
);
```

```
create table BOOK_GENRE(  
genre_ID int not null GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY  
1),  
genre_NAME varchar(15),  
primary key (genre_ID)  
);
```

```
create table BOOK(  
book_ID int not null GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY  
1),  
publisher_ID int not null,  
book_NAME varchar(40),  
book_COUNT int DEFAULT 0,  
genre_ID int,  
primary key (BOOK_ID),  
foreign key (publisher_ID) references Publisher,  
foreign key (genre_ID) references book_genre  
);
```

```
create table AUTHORSHIP(  
book_ID int not null,  
author_ID int not null,  
primary key (book_ID, author_ID),  
foreign key (book_ID) references book,  
foreign key (author_ID) references author  
);
```

```
create table RENTAL(  
rental_ID int not null GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY  
1),  
customer_ID int,  
book_ID int,  
rental_date date not null,  
return_date date,  
rental_price decimal(5,2),  
penalty decimal(5,2),  
primary key (rental_ID),  
foreign key (customer_ID) references customer,  
foreign key (book_ID) references book  
);
```