

```
CREATE TABLE CreditCard (  
    id INT NOT NULL,  
    name VARCHAR(45),  
    number INT,  
    isUsingBank SMALLINT,  
    expirationDate DATE,  
    code CHAR(5) NOT NULL  
);
```

```
ALTER TABLE CreditCard ADD CONSTRAINT PK_CreditCard PRIMARY KEY (id);
```

```
CREATE TABLE User (  
    id INT NOT NULL,  
    receiverName VARCHAR(45),  
    phoneNumber INT,  
    email VARCHAR(45),  
    province VARCHAR(45),  
    shippingAddress VARCHAR(45)  
);
```

```
ALTER TABLE User ADD CONSTRAINT PK_User PRIMARY KEY (id);
```

```
CREATE TABLE Media (  
    id INT NOT NULL,  
    name VARCHAR(45),  
    categoryType INT,  
    value INT,
```

price INT

);

ALTER TABLE Media ADD CONSTRAINT PK_Media PRIMARY KEY (id);

CREATE TABLE Order (

id INT NOT NULL,

shippingFees INT,

customerInfo_id INT NOT NULL

);

ALTER TABLE Order ADD CONSTRAINT PK_Order PRIMARY KEY (id);

CREATE TABLE OrderMedia (

id INT NOT NULL,

media_id INT NOT NULL,

price INT,

quantity INT,

order_id INT NOT NULL

);

ALTER TABLE OrderMedia ADD CONSTRAINT PK_OrderMedia PRIMARY KEY (id);

CREATE TABLE PaymentTransaction (

id INT NOT NULL,

transactionCode CHAR(10),

```
content VARCHAR(100),  
createTime DATE,  
credit_card_id INT NOT NULL  
);
```

```
ALTER TABLE PaymentTransaction ADD CONSTRAINT PK_PaymentTransaction PRIMARY KEY (id);
```

```
CREATE TABLE TypeShipping (  
id INT NOT NULL,  
name VARCHAR(45),  
description VARCHAR(100)  
);
```

```
ALTER TABLE TypeShipping ADD CONSTRAINT PK_TypeShipping PRIMARY KEY (id);
```

```
CREATE TABLE TypeShippingMedia (  
id INT NOT NULL,  
shippingAddress VARCHAR(45),  
media_id INT NOT NULL,  
typeShippng_id INT NOT NULL  
);
```

```
ALTER TABLE TypeShippingMedia ADD CONSTRAINT PK_TypeShippingMedia PRIMARY KEY (id);
```

```
CREATE TABLE Book (  
id INT NOT NULL,
```

```
authors VARCHAR(45),  
cover VARCHAR(45),  
publisher VARCHAR(45),  
publicationDate DATE,  
language VARCHAR(45),  
pageNumber INT,  
genres VARCHAR(45),  
media_id INT NOT NULL  
);
```

```
ALTER TABLE Book ADD CONSTRAINT PK_Book PRIMARY KEY (id);
```

```
CREATE TABLE CD (  
id INT NOT NULL,  
musciColection VARCHAR(45),  
CDAlbum VARCHAR(45),  
artists VARCHAR(45),  
recordLabels VARCHAR(45),  
trackList VARCHAR(45),  
genres VARCHAR(45),  
media_id INT NOT NULL  
);
```

```
ALTER TABLE CD ADD CONSTRAINT PK_CD PRIMARY KEY (id);
```

```
CREATE TABLE DVD (  
id INT NOT NULL,
```

```
discFormate VARCHAR(45),  
director VARCHAR(45),  
runTime INT,  
media_id INT NOT NULL,  
studio VARCHAR(45),  
language VARCHAR(45),  
subtitles VARCHAR(45),  
releaseDate DATE,  
genres VARCHAR(45)  
);
```

```
ALTER TABLE DVD ADD CONSTRAINT PK_DVD PRIMARY KEY (id);
```

```
CREATE TABLE Invoice (  
id INT NOT NULL,  
totalAmount INT,  
order_id INT NOT NULL,  
paymentTransaction_id INT  
);
```

```
ALTER TABLE Invoice ADD CONSTRAINT PK_Invoice PRIMARY KEY (id);
```

```
ALTER TABLE Order ADD CONSTRAINT FK_Order_0 FOREIGN KEY (customerInfo_id) REFERENCES User  
(id);
```

```
ALTER TABLE OrderMedia ADD CONSTRAINT FK_OrderMedia_0 FOREIGN KEY (media_id) REFERENCES Media (id);
```

```
ALTER TABLE OrderMedia ADD CONSTRAINT FK_OrderMedia_1 FOREIGN KEY (order_id) REFERENCES Order (id);
```

```
ALTER TABLE PaymentTransaction ADD CONSTRAINT FK_PaymentTransaction_0 FOREIGN KEY (credit_card_id) REFERENCES CreditCard (id);
```

```
ALTER TABLE TypeShippingMedia ADD CONSTRAINT FK_TypeShippingMedia_0 FOREIGN KEY (media_id) REFERENCES Media (id);
```

```
ALTER TABLE TypeShippingMedia ADD CONSTRAINT FK_TypeShippingMedia_1 FOREIGN KEY (typeShipping_id) REFERENCES TypeShipping (id);
```

```
ALTER TABLE Book ADD CONSTRAINT FK_Book_0 FOREIGN KEY (media_id) REFERENCES Media (id);
```

```
ALTER TABLE CD ADD CONSTRAINT FK_CD_0 FOREIGN KEY (media_id) REFERENCES Media (id);
```

```
ALTER TABLE DVD ADD CONSTRAINT FK_DVD_0 FOREIGN KEY (media_id) REFERENCES Media (id);
```

```
ALTER TABLE Invoice ADD CONSTRAINT FK_Invoice_0 FOREIGN KEY (order_id) REFERENCES Order (id);
```

```
ALTER TABLE Invoice ADD CONSTRAINT FK_Invoice_1 FOREIGN KEY (paymentTransaction_id) REFERENCES PaymentTransaction (id);
```