

## Table creation statements

### Changelog

1. deleted videotape
2. added stock and videoID to movie

```
create table movies (  
  videoID int NOT NULL AUTO_INCREMENT,  
  title varchar(100) NOT NULL,  
  year int NOT NULL,  
  cat varchar(100) NOT NULL,  
  introduction varchar(255),  
  directors varchar(255),  
  producers varchar(255),  
  stock int NOT NULL,  
  PRIMARY KEY(videoID)  
);
```

```
create table orderItems (  
  orderID int NOT NULL,  
  videoID int NOT NULL,  
  quantity int NOT NULL,  
  FOREIGN KEY(orderID) references customerOrders(orderID),  
  FOREIGN KEY(videoID) references movies(videoID)  
);
```

```
CREATE TABLE customerOrders (  
  orderID int NOT NULL AUTO_INCREMENT,  
  dateOrdered DATE NOT NULL,  
  shippingDestination varchar(40),  
  period int,  
  status ENUM("UNPAID", "PAID", "SHIPPED") NOT NULL,  
  returnTrackingInformation varchar(40),  
  email varchar(50) NOT NULL,  
  PRIMARY KEY(orderID),  
  FOREIGN KEY(email) REFERENCES customers(email)  
);
```

```
CREATE TABLE customers (  
  email varchar(50) NOT NULL,  
  password varchar(50) NOT NULL,  
  loyaltyPoints int NOT NULL,  
  creditCardNum varchar(15),  
  address varchar(50),  
  phoneNumber varchar(50),  
  PRIMARY KEY (email)  
);
```

```
CREATE TABLE managers (  
  email varchar(50) NOT NULL,  
  password varchar(50) NOT NULL,  
  PRIMARY KEY (email)  
);
```

```
CREATE TABLE ratings (  
  criticName varchar(50) NOT NULL,  
  videoID int NOT NULL,  
  review varchar(255) NOT NULL,  
  PRIMARY KEY(criticName),  
  FOREIGN KEY(videoID) REFERENCES movies(videoID)  
)
```

---

## Pre-inserted data

### Movies

```
insert into movies (title, year, cat, introduction, directors, producers,  
stock) values (  
  'The Thing',  
  1982,  
  'Horror',  
  'Kurt Russel and friends fight an alien',
```

```
'John carpenter',  
'David Foster',  
5  
);
```

```
insert into movies (title, year, cat, introduction, directors, producers,  
stock) values (  
'Alien',  
1979,  
'Horror',  
'Sigourney Weaver and friends fight an alien',  
'Ridley Scott',  
'Walter Hill',  
5  
);
```

```
insert into customers (email, password, loyaltyPoints, creditCardNum,  
address, phoneNumber) values (  
"toddhoward@gmail.com",  
"password",  
0,  
"1234-1234",  
"123 street ontario",  
"999-9999"  
);
```

```
insert into customers (email, password, loyaltyPoints, creditCardNum,  
address, phoneNumber) values (  
"songwang@gmail.com",  
"password",  
0,  
"1234-1234",  
"123 street ontario",  
"999-9999"  
);
```

//Note this inserted item is pre-paid (status = "PAID")

```
insert into customerOrders (dateOrdered, shippingDestination, period,  
status, email) values (  

```

```
"1999-10-12",
"Downtown",
1,
"PAID",
'todddhoward@gmail.com'
);
```

```
insert into customerOrders (dateOrdered, shippingDestination, period,
status, email) values (
"1999-10-12",
"Downtown",
1,
"PAID",
'songwang@gmail.com'
);
```

(adds one copy of The Thing to todd howard's order)

```
insert into orderItems(orderID, videoID, quantity)
values (
1,
1,
1
);
```

(adds one copy of the thing to songwangs order)

```
insert into orderItems(orderID, videoID, quantity)
values (
2,
1,
1
);
```

**Query:** returns all order items that need to be shipped, includes quantity, title year of the movie, orderID, and customer email

```
SELECT movies.title, movies.year, orderItems.quantity, orderItems.videoID,
orderItems.orderID, customerOrders.email
FROM orderItems
INNER JOIN movies ON orderItems.videoID = movies.videoID
INNER JOIN customerOrders ON customerOrders.orderID = orderItems.orderID;
```