



Main Project

**SUBMITTED TO:**

**Dr. K Jababo**

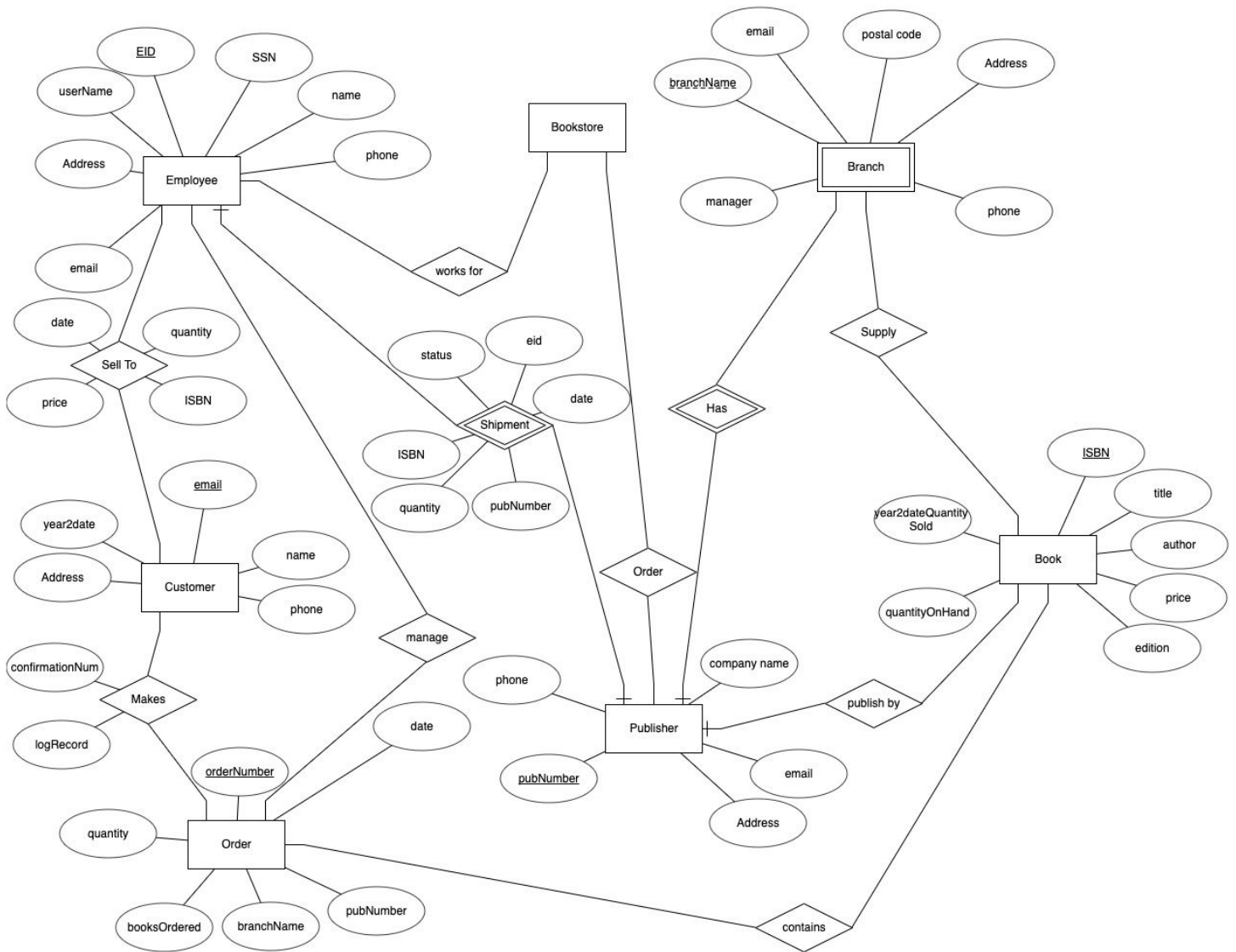
**SUBMITTED BY:**

**STATEMENT OF ORIGINALITY**

"I certify that this submission is my original work and meets the Faculty's Expectations  
of Originality"

Date: April 8th 2019

## 1. ER Diagram



## 2. Constraints

In the diagram, we have marked the various constraints (keys, functional dependencies, cardinalities of the relationships, etc.). Some additional constraints that we have not captured in the ER are the following:

- Log Record Implementation: this will be in the relational table between Customer and Order in our database.
- Customers: year-to-date purchase information
- Orders: multiple books in one order with each of their quantities
- The implementation of the use case where the employee manages the orders and shipments is not well-defined in an ER model but will be accessible in the database.
- When a sale between the customer and an employee is completed, multiple books in one sale with each of their quantities
- Shipment: multiple books in one shipment with each of their quantities

Primary keys are:

EID, Email, (PubNumber, BranchName), ISBN, OrderNumber

Functional Dependency for Employee:

{ EID->ssn,name,username,phone,address,username,email;

SSN->name,phone,address,username,Employee }

Functional Dependency for Customer:

{ Email->name,phone,address,year2date;

name->phone,address }

Functional Dependency for Branch:

{ branchName->email,postalCode,address,phone,manager }

Functional Dependency for Book:

{ ISBN-> title,author,price,edition,quantityOnHand,year2dateQuantitySold; title and  
author->price }

Functional Dependency Order:

{orderNumber->pubNumber,date,branchName,quantity,booksOrdered}

## SQL QUERIES

**A)**

```
SELECT *  
  
FROM Book;
```

**B)**

```
SELECT OrderNum, orderDate, publisher, branch, booksOrdered, quantity  
  
FROM Makes, Orders  
  
Where Orders.orderNum = Makes.orderNumber AND Makes.confirmNumber = "";
```

**C)**

```
SELECT *  
  
FROM Orders where Customers.email = "{email}";
```

**D)**

```
SELECT Makes.customerEmail, Makes.orderNumber, Orders.booksOrdered,  
  
Orders.quantity, Orders.branch, Orders.publisher  
  
FROM Makes, Orders  
  
WHERE Makes.customerEmail = "cvillar0@wiley.com" AND Makes.orderNumber =  
  
Orders.orderNum;
```

**E)**

```
SELECT employeeID, customerEmail, bookISBN, sellQuantity, sellDate, bookPrice  
  
FROM SellTo  
  
WHERE EmployeeID = "1490124209" AND sellDate = "8/15/2018" ;
```

**F)**

CREATE VIEW allPurchases AS

SELECT Customers.email as email, sum(SellTo.bookPrice) AS totalPurchasedSale

FROM SellTo JOIN Customers ON SellTo.customerEmail = Customers.email

WHERE SellTo.sellDate LIKE "%2018%" GROUP BY Customers.email UNION ALL;

SELECT Makes.customerEmail AS email, sum(Books.price) AS totalPurchasedAmount

FROM Makes JOIN Orders ON Makes.orderNumber = Orders.orderNum JOIN Books

ON Orders.booksOrdered = Books.title

WHERE Orders.orderDate like "%2018%"

GROUP BY Makes.customerEmail;

SELECT email, totalPurchasedSale FROM allPurchases GROUP BY email ORDER BY

totalPurchasedSale DESC;

**G)**

SELECT Books.title, Books.author, Shipment.ISBN, Shipment.quantity

FROM Books, Shipment

WHERE Shipment.status = "not received" AND Shipment.ISBN = Books.isbn

### **3. Database Implementation**

**Creation of tables:**

```
CREATE TABLE CustOrder (  
email VARCHAR(30),  
isbn VARCHAR(13),  
title VARCHAR(30) ,  
price float(30) ,  
quantity int NOT NULL,  
PRIMARY KEY (email, isbn)  
);
```

```
CREATE TABLE Publishers (  
publisherNumber int,  
companyName VARCHAR(300) NOT NULL,  
branches VARCHAR(70) NOT NULL,  
phone VARCHAR(10),
```

```
email VARCHAR(30) ,  
address VARCHAR(300),  
PRIMARY KEY (publisherNumber, companyName, branches)  
);
```

```
CREATE TABLE BookStore (  
LOG int PRIMARY KEY  
);
```

```
CREATE TABLE Publishers (  
publisherNumber int,  
companyName VARCHAR(300) NOT NULL,  
branches VARCHAR(70) NOT NULL,  
phone VARCHAR(10),  
email VARCHAR(30) ,  
address VARCHAR(300),  
PRIMARY KEY (publisherNumber, companyName, branches)  
);
```



```
CREATE TABLE Customers (  
custName varchar(30) NOT NULL ,  
phone varchar(10) NOT NULL ,  
email VARCHAR(30) NOT NULL,  
address VARCHAR(30) NOT NULL,  
year2datePurchase decimal(15,2),  
PRIMARY KEY (email)  
  
);
```

```
CREATE TABLE CustSale (  
employeeID varchar(30),  
custName VARCHAR(30) NOT NULL,  
saleDate date NOT NULL,  
isbn VARCHAR(13),  
PRIMARY KEY (custName, custPhone)  
  
);
```

```
CREATE TABLE Employees (  
employeeID varchar(30) PRIMARY KEY,  
employeeName VARCHAR(30) NOT NULL,
```

```
ssn VARCHAR(30) NOT NULL,  
phone varchar(10),  
email VARCHAR(30) ,  
address VARCHAR(200)  
);
```

```
CREATE TABLE Orders (  
orderNum varchar(30) PRIMARY KEY,  
orderDate date NOT NULL,  
publisher VARCHAR(30) NOT NULL,  
branch VARCHAR(30),  
booksOrdered VARCHAR(30000),  
quantity int,  
backorder int(1)  
);
```

```
CREATE TABLE Books (  
isbn VARCHAR(13) PRIMARY KEY,  
title VARCHAR(30) NOT NULL,
```

```
author VARCHAR(30) NOT NULL,  
edition VARCHAR(10),  
price float(30) NOT NULL,  
quantity int NOT NULL,  
year2dateSold int  
);
```

```
CREATE TABLE Branches (  
branchName varchar(30) PRIMARY KEY,  
branchManager VARCHAR(30),  
phone varchar(11),  
email VARCHAR(30) ,  
address varchar(80)  
);
```

```
CREATE TABLE Customers (  
custName varchar(30) NOT NULL ,  
phone varchar(10) NOT NULL ,  
email VARCHAR(30) NOT NULL,  
address VARCHAR(30) NOT NULL,  
year2datePurchase decimal(15,2),  
PRIMARY KEY (custName, phone)
```

);

```
CREATE TABLE Employees (  
    employeeID varchar(30) PRIMARY KEY,  
    employeeName VARCHAR(30) NOT NULL,  
    ssn VARCHAR(30) NOT NULL,  
    phone varchar(10),  
    email VARCHAR(30) ,  
    address VARCHAR(200)  
);
```

```
CREATE TABLE Orders (  
    orderNum varchar(30) PRIMARY KEY,  
    orderDate date NOT NULL,  
    publisher VARCHAR(30) NOT NULL,  
    branch VARCHAR(30),  
    booksOrdered VARCHAR(30000),
```

**quantity int**

);

**Books insert statements:**

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '180734221-2', 'Sherlock Holmes and the Masks of Death', 'Yushachkov', 3, '38.67', 14,  
20);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '233304729-1', 'Rocky Saga: Going the Distance, The', 'Ditty', 3, '14.67', 12, 100);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '511073723-1', 'Real Genius', 'Guyer', 6, '19.90', 7, 98);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '577526596-3', 'Morphia (Morfiy)', 'Brecon', 6, '37.10', 4, 380);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '569479019-7', 'Long Live Death (Viva la muerte)', 'Nern', 4, '33.51', 14, 38);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '743276831-5', 'Urban Ghost Story', 'Measor', 6, '49.96', 20, 340);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '702239830-5', 'Ironclads', 'Matias', 3, '26.21', 2, 33);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '240022114-6', 'Life Before Her Eyes, The', 'Budnik', 2, '6.33', 1, 358);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('818678410-1', 'Great Locomotive Chase, The', 'Sellstrom', 2, '17.82', 8, 60);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('046697180-X', 'Postcards From the Edge', 'Arnau', 5, '56.44', 20, 137);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('384922553-4', 'Damsel in Distress, A', 'Drew', 3, '3.52', 18, 249);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('321664832-X', 'Just Cause', 'Billion', 1, '56.19', 14, 365);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('307293046-5', 'Project X', 'Helix', 6, '58.97', 19, 432);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('158533197-X', 'Secretariat', 'Sindell', 1, '34.30', 20, 284);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('787625440-3', 'Forks Over Knives', 'Robjents', 4, '49.04', 11, 326);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('864186505-5', 'Catch-22', 'Belfield', 2, '48.15', 20, 387);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('092290624-6', 'War of the Dead - Stone"s War ', 'Kissell', 4, '10.99', 15, 426);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('504464228-2', 'Last Dispatch, The', 'Coyne', 1, '53.29', 18, 464);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('082470313-8', 'King Is Alive, The', 'Kinde', 3, '24.10', 11, 482);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '799251560-9', 'In the Hands of the Gods', 'Ivashinnikov', 6, '15.89', 13, 472);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '778861436-X', 'Free Radicals (Böse Zellen)', 'Filip', 4, '16.33', 13, 142);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '602805290-6', 'Shadowzone', 'Nani', 5, '47.33', 18, 326);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '528673910-5', 'Blacksmith, The', 'Diffley', 1, '17.47', 11, 330);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '899648682-5', 'King Is Dancing, The (Le roi danse)', 'Rosettini', 2, '36.49', 7, 373);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '648805014-1', 'Tell Them Who You Are', 'Brocklehurst', 5, '5.06', 5, 444);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '645501418-9', 'Zero Day', 'Pauer', 6, '54.03', 19, 31);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '105613400-3', 'Min and Bill', 'Jiracek', 5, '54.69', 1, 107);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '267647251-8', 'Bullet for Joey, A', 'Morriarty', 6, '1.30', 6, 500);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '628724984-6', 'The Russian Novel', 'Yanuk', 6, '43.76', 12, 103);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '919289446-1', 'New York, I Love You', 'Zoppo', 2, '48.77', 12, 241);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '608674783-0', 'His New Profession', 'Woodeson', 2, '59.45', 18, 55);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '836107490-2', 'Wyatt Earp', 'Ellwell', 6, '20.49', 4, 322);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '597558371-3', 'Seven Brothers (Seitsemän veljestä)', 'Fellman', 5, '45.25', 18, 292);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '074200857-6', 'House on Haunted Hill', 'Kunat', 1, '4.31', 5, 447);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '810695724-1', 'House of the Devil, The', 'Swetman', 2, '4.06', 5, 263);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '338995294-2', 'Road Home, The (Wo de fu qin mu qin)', 'Hallen', 1, '6.30', 14, 426);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '023412486-5', 'Dylan Moran: Like, Totally', 'Thurley', 1, '35.30', 14, 232);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '705617804-9', 'Legend of the Lost', 'Norgan', 3, '37.22', 14, 147);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '463391041-8', '7 Virgins (7 vírgenes)', 'De Michele', 5, '22.78', 8, 24);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '099841686-X', 'And While We Were Here', 'Doole', 2, '24.07', 6, 40);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '431613693-3', 'Barry Lyndon', 'Filipputti', 2, '30.35', 5, 361);



insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '066793180-5', 'Trial of the Incredible Hulk, The', 'Gothrup', 1, '11.78', 19, 386);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '998877793-0', 'Clifford', 'Cudmore', 4, '51.51', 5, 480);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '840942484-3', 'Beyond The Hills', 'Downs', 2, '1.13', 20, 274);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '670973151-0', 'Steel Toes', 'Shipp', 3, '16.26', 5, 61);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '860939678-9', 'Scenes From a Marriage (Scener ur ett äktenskap)', 'Sarson', 2, '52.20',  
19, 89);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '737328006-4', 'Master, The', 'Barwood', 6, '38.47', 3, 359);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '054334915-2', 'Fighting Prince of Donegal, The', 'Stutter', 3, '21.34', 18, 34);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '708566765-6', 'Freddy"s Dead: The Final Nightmare (Nightmare on Elm Street Part 6:  
Freddy"s Dead, A)', 'Jukes', 1, '43.77', 7, 366);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '428298449-X', 'Glass Key, The', 'Castilljo', 5, '21.37', 2, 407);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '065877792-0', 'American Adobo', 'Theurer', 6, '13.78', 13, 256);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('417717148-4', 'Earth Girls Are Easy', 'Demke', 3, '52.18', 3, 85);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('998888490-7', 'Murk (Mørke)', 'Baudts', 6, '54.95', 18, 39);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('662689394-7', 'The Tenant of Wildfell Hall', 'Gorch', 3, '48.76', 19, 438);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('711126506-8', 'Stage Door Canteen', 'Prestedge', 2, '20.26', 16, 223);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('608511501-6', 'Death of a Bureaucrat (La muerte de un burócrata)', 'Ribeiro', 1, '11.66',  
17, 295);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('542715605-4', 'Pick-up Summer (Pinball Summer)', 'Purser', 6, '39.13', 8, 152);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('586531670-2', 'Captain Ron', 'Thwaite', 6, '26.50', 11, 316);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('604588313-6', 'Megan Is Missing', 'Cunradi', 4, '15.66', 2, 340);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('159400616-4', 'Dylan Moran: Monster', 'McAnellye', 3, '38.70', 4, 459);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('729294261-X', 'Bones Brigade: An Autobiography', 'Lahive', 3, '32.66', 9, 67);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('501421968-3', 'Last Passenger', 'Gornar', 6, '28.39', 5, 239);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('265347862-5', 'Backdraft', 'Bythway', 3, '35.18', 2, 174);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('376493120-5', 'Holy Smoke', 'Bottoner', 4, '3.88', 10, 391);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('014333298-8', 'Nutcracker, The', 'Du Hamel', 1, '18.88', 6, 115);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('521832442-6', 'Casanova's Big Night', 'Van Arsdale', 4, '47.70', 18, 327);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('793066810-X', 'Getting Any? (Minnâ-yatteruka!)', 'Karlowicz', 4, '32.77', 6, 305);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('628459483-6', 'Pumzi', 'Haddrill', 1, '7.28', 10, 278);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('795983278-1', 'Edge of Madness', 'Daniellot', 1, '16.08', 9, 416);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('050784695-8', 'Cider House Rules, The', 'Enderwick', 3, '15.18', 5, 176);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('895557964-0', 'In Crowd, The', 'Pozzi', 2, '38.44', 6, 238);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
('851828710-3', 'Losing Chase', 'Crannis', 6, '13.52', 20, 77);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '631688527-X', 'Solar Crisis', 'Flucker', 4, '21.77', 1, 419);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '870213366-0', 'Most Beautiful, The (Ichiban utsukushiku)', 'Tosh', 3, '8.91', 17, 207);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '344856119-3', 'To Sir with Love', 'Hairyes', 1, '54.49', 19, 435);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '284939026-7', 'Howl"s Moving Castle (Hauru no ugoku shiro)', 'Cassam', 5, '59.45', 10,  
424);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '784032147-X', 'Talking About Sex', 'Kinforth', 3, '32.33', 16, 165);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '007212352-4', 'Legend of the Red Dragon (a.k.a. New Legend of Shaolin, The) (Hong  
Xi Guan: Zhi Shao Lin wu zu)', 'Kensall', 3, '35.04', 10, 486);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '939726038-3', 'Demon Lover Diary', 'Jurca', 4, '41.56', 13, 388);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '954008864-X', 'Anderson Tapes, The', 'Bris', 2, '31.91', 11, 4);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '072636636-6', 'Teddy Bear (Mis)', 'Balaison', 5, '8.48', 12, 292);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '366280308-9', 'Région centrale, La', 'Humby', 3, '48.56', 16, 424);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '068498373-7', 'Little Accidents', 'Whitwam', 6, '27.49', 7, 11);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '433263589-2', 'Tyler Perry"s Why Did I Get Married Too?', 'Conway', 1, '49.01', 10,  
345);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '520854890-9', 'American Flyers', 'Dimanche', 2, '21.50', 10, 360);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '964584317-0', 'Hell Drivers', 'Vell', 2, '25.20', 2, 172);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '192894859-6', 'Man in Grey, The', 'Braidman', 2, '40.33', 3, 165);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '546189520-4', 'Union: The Business Behind Getting High, The', 'Szachniewicz', 4,  
'54.78', 19, 384);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '731569044-1', 'Jim Carrey: Unnatural Act', 'Parrott', 1, '36.93', 10, 311);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '635823189-8', 'Soft Toilet Seats', 'Vaisey', 4, '54.25', 12, 77);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '799761327-7', 'Flash Gordon Conquers the Universe', 'Abethell', 5, '41.76', 5, 252);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values  
( '899742650-8', 'PressPausePlay', 'Crier', 5, '29.80', 8, 373);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('220055811-2', 'The Expelled', 'Gomery', 4, '49.29', 7, 491);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('085876657-4', 'My Mother"s Courage (Mutters Courage)', 'Larking', 6, '10.67', 2, 208);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('653773429-0', 'Sun Alley (Sonnenallee)', 'Gaylard', 3, '48.65', 15, 250);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('150782412-2', 'Twenty Days Without War (Dvadtsat dney bez voyny)', 'Ashpital', 6, '2.38', 10, 227);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('435017572-5', 'Actor"s Revenge, An (Yukinojô henge)', 'Jeffcock', 6, '59.36', 1, 184);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('797154810-9', 'Billy the Kid vs. Dracula', 'Kempster', 6, '47.99', 10, 183);

insert into Books (isbn, title, author, edition, price, quantity, year2dateSold) values ('145645074-3', 'Allegro non troppo', 'Gladdis', 5, '11.57', 4, 338);

### **Branches insert statement:**

insert into Branches (branchName, phone, email, address, city) values ('Weissnat-Price', '5273310740', 'lreichert0@smh.com.au', '06 Springview Lane', 'Ciudad Ojeda');

insert into Branches (branchName, phone, email, address, city) values ('Ward-Abbott', '8467442153', 'vmaase1@technorati.com', '69 Armistice Way', 'Itapemirim');

insert into Branches (branchName, phone, email, address, city) values ('Larson-Barton',  
'6453400462', 'gclacson2@joomla.org', '58614 Fieldstone Way', 'Meikeng');

insert into Branches (branchName, phone, email, address, city) values ('Hintz, Kovacek  
and Larkin', '1322469350', 'lmackereth3@hhs.gov', '26 Tomscot Junction', 'Biga');

insert into Branches (branchName, phone, email, address, city) values ('Kling-Abbott',  
'2863195057', 'clenox4@nhs.uk', '927 Knutson Point', 'Huangben');

insert into Branches (branchName, phone, email, address, city) values ('Osinski, Terry  
and Hermann', '2861067908', 'hlower5@qq.com', '45 Corscot Court', 'Jinluo');

insert into Branches (branchName, phone, email, address, city) values ('Schamberger,  
Robel and Hermann', '1671789772', 'ctangye6@yandex.ru', '70 Sugar Park',  
'Mempawah');

insert into Branches (branchName, phone, email, address, city) values ('Reichel LLC',  
'2231873386', 'rburthom7@un.org', '57759 Westend Avenue', 'Santa Rosa');

insert into Branches (branchName, phone, email, address, city) values ('Yundt and  
Sons', '7015517833', 'atimmis8@nyu.edu', '339 Birchwood Place', 'Jianshe');

insert into Branches (branchName, phone, email, address, city) values ('Orn-Moen',  
'4549165244', 'rambrogio9@umn.edu', '6 Longview Parkway', 'Pujiang');

insert into Branches (branchName, phone, email, address, city) values ('Walter,  
Schneider and Ziemann', '1776269537', 'rkolakowskia@drupal.org', '35 Fulton Avenue',  
'Farafenni');

insert into Branches (branchName, phone, email, address, city) values

('O"Hara-Leuschke', '4657949017', 'sdefraineb@reddit.com', '2 Spenser Parkway',  
'Imider');

insert into Branches (branchName, phone, email, address, city) values

('Gutmann-Tromp', '1963489201', 'fnovicc@salon.com', '3950 Vermont Park', 'Paris 13');

insert into Branches (branchName, phone, email, address, city) values ('Harris, Johnson  
and Labadie', '6491913984', 'dtweddled@ycombinator.com', '5 Commercial Parkway',  
'Hejiang');

insert into Branches (branchName, phone, email, address, city) values

('Reichel-Walker', '8008246993', 'gmilbye@godaddy.com', '64342 Larry Alley',  
'Chengdong');

insert into Branches (branchName, phone, email, address, city) values ('Kozey, Graham

and Leannon', '6952913020', 'dadlemf@pinterest.com', '5731 Butternut Court',  
'Chengyang');

insert into Branches (branchName, phone, email, address, city) values ('Larkin, Blick

and Steuber', '3727775321', 'ckelsellg@e-recht24.de', '3 Anhalt Plaza', 'Caratinga');

insert into Branches (branchName, phone, email, address, city) values ('Beier LLC',

'1377559803', 'amcureh@utexas.edu', '16 Haas Pass', 'Khanāşir');

insert into Branches (branchName, phone, email, address, city) values ('Ziemann-Will',

'4767702112', 'selbyi@vkontakte.ru', '3693 Dorton Plaza', 'Jiayi');



insert into Branches (branchName, phone, email, address, city) values

('Gutkowski-Hegmann', '1516271956', 'hkeemarj@webeden.co.uk', '99720 Charing  
Cross Parkway', 'Triwil');