



L Nite ight

Final Project Documentation

Group Members
Connors, James M
Morris, Chad A
Tabassum, Najma

Description of Database Application

NiteLight is a book resale company that handles orders exclusively via Internet and over the phone. This database application handles the taking and the fulfilling of orders. Additionally, this database application is also designed to keep track of inventory at NiteLight's warehouse. The main user groups of this application are the customers, call center employees, shipping and receiving employees and managers.

Contributions of Team Members

Jim Connors

Jim helped work on the project ERD. Jim made significant contributions of domain knowledge from his previous experience working with a book resale company. Jim also prepared the data for Book, Review and Employee tables as well as generated the ideas for Queries 5 to 8.

Najma Tabassum

Najma helped work on the project ERD and table creation code. Najma also prepared the data for Book, Review and Employee tables as well as generated the ideas for Queries 9 to 12.

Chad Morris

Chad has produced the ERD and Data Dictionary as well as the final documentation for the project. Chad also produced all other code and debugged all code for the project. Additionally, Chad generated the ideas for Queries 1 to 4 and produced the code for all queries.

Normalization

All relations in this database application are in third normal form.

Queries

Query 1

This query is meant to list the states and order amounts of those states where orders over totaling \$100 or more have been placed.

Code

```
SELECT State, Order_total
FROM (Order1 JOIN Address ON Address_ID1 = Address_ID)
WHERE Order_total >= 100.00
```

ORDER BY Order_total;

Result

ST	ORDER_TOTAL
--	-----
DE	121.13
AL	139.08
FL	150.94
IL	168.44

Query 2

This query is meant to list the total number of books sold, broken down by Supplier.

Code

```
SELECT Supplier_name, SUM(Quantity) AS Quantity_sold
FROM (Book b JOIN Supplier s ON b.Supplier_ID = s.Supplier_ID)
     JOIN Order_item o ON b.Book_ID = o.Book_ID)
GROUP BY Supplier_name
ORDER BY Supplier_name;
```

Result

SUPPLIER_NAME	QUANTITY_SOLD
-----	-----
Alibris	17
Amazon	15
Brill	7
Elsevier	15
Harper Collins	4
MacMillian	11
New Society	10
Saxon	19
Wiley	25
eBAY	25

Query 3

This query is meant to list the total number of books sold, broken down by Genre.

Code

```
SELECT Genre, SUM(Quantity)
FROM (Order_item o JOIN Book b ON o.Book_ID = b.Book_ID)
```

GROUP BY Genre
ORDER BY Genre;

Result

GENRE	SUM(QUANTITY)
-----	-----
Childrens	25
Classic	37
Fiction	31
Horror	2
Non-fiction	41
Religion	1
Romance	2
Suspense	9

Query 4

This query is meant to calculate the total dollar amount of merchandise returned items that were not part of an order that was returned in its entirety.

Code

```
SELECT SUM(RIQuantity * OIPrice) AS Amount_of_returned_items
FROM (returns2 r JOIN Order_item o ON r.Order_item_ID = o.Order_item_ID);
```

Result

AMOUNT_OF_RETURNED_ITEMS

171.05

Query 5

This query is meant to list all books that NiteLight sells by the author Ernest Hemingway.

Code

```
SELECT Title
FROM Book
WHERE Author = 'Ernest Hemingway';
```

Result

TITLE

For Whom the Bell Tolls

Query 6

This query is meant to list the books that have received review ratings of 3 and under, in ascending order.

Code

```
SELECT Title AS Books_with_low_reviews, Rating
FROM Review r JOIN Book b ON r.Book_ID = b.Book_ID
WHERE Rating <= 3
ORDER BY Rating;
```

Result

BOOKS_WITH_LOW_REVIEWS	RATING
Elvis and Me	2
Hollywood Wives	2
The Pelican Brief	3
The Illustrated Man	3
The Notebook	3
Lord of the Rings	3
The Stand	3

Query 7

This query is meant to list the names of all of NiteLight's suppliers and the amount of books that NiteLight has ordered from them in descending order – from the supplier who has supplied the most to the supplier that has supplied the least.

Code

```
SELECT Supplier_name, SUM(SOQuantity) AS Ordered_Quantity
FROM (Supplier s JOIN Book b ON s.Supplier_ID = b.Supplier_ID) JOIN
is_a_request_for i ON b.Book_ID = i.Book_ID
GROUP BY Supplier_name
ORDER BY SUM(SOQuantity) DESC;
```

Result

SUPPLIER_NAME	ORDERED_QUANTITY
Amazon	210
Saxon	180

eBAY	180
Wiley	150
Alibris	130
Harper Collins	105
New Society	100
MacMillian	95
Elsevier	75

Query 8

This query is meant to list the titles and prices of all books that NiteLight sells, in descending order by price.

Code

```
SELECT Title, Price
FROM Book b JOIN Price p ON b.Book_ID = p.Book_ID
WHERE Price_end_date IS NULL
ORDER BY Price DESC;
```

Result

TITLE	PRICE
Holy Bible	34.95
The Ring	29.99
Blue Dahlia	29.70
The Art of the Deal	28.99
The JFK Myths	27.99
Gone With the Wind	27.49
Men are From Mars, Women are From Venus	26.95
Elvis and Me	26.49
Lord of the Rings	26.49
Death of a President	25.69
Angels and Demons	25.49
Ransom	24.99
Dazzle the Dinosaur	24.95
The Secret Life of Goldfish	23.49
The Witness	22.99
The Physics of Immortality	22.95
The History of the United States	21.99
The Hunt for Red October	21.99
Double Fudge	19.99
Winesburg Ohio	18.49
The Notebook	17.99
Guess How Much I Love You	11.99

I Wish That I Had Duck Feet	11.49
Meet My Friends	10.99
Ketchup on Your Corn-flakes?	10.95
Cider House Rules	9.99
The Midwife	8.99
Hollywood Wives	8.99
For Whom the Bell Tolls	8.99
Private Affairs	7.99
The Red Badge of Courage	7.99
Alice in Wonderland	7.99
Pride and Prejudice	7.99
The Talisman	7.99
Dirty Old Man	7.99
Hamlet	7.99
The Canterbury Tales	7.99
Astronomy	7.99
Number	7.99
A Walk to Remember	7.49
The Great Gatsby	6.99
The Pelican Brief	6.99
The Catcher in the Rye	6.99
The Naked Ape	6.99
Huckleberry Finn	6.99
The Illustrated Man	6.99
The Stand	6.49
The Sun Also Rises	6.49
Nancy Drew Notebooks	5.99
There is a Bat in Bunk Five	4.95

Query 9

This query is meant to list the number of orders placed by a particular customer, in this case Catherine Z Jones.

Code

```
SELECT Cust_FName, Cust_MName, Cust_LName, COUNT(Order_ID)
FROM Order1 o JOIN Customer c ON o.Customer_ID = c.Customer_ID
WHERE c.Customer_ID = (SELECT Customer_ID
                        FROM Customer
                        WHERE Cust_FName = 'Catherine' AND
                               Cust_MName = 'Z' AND
                               Cust_LName = 'Jones')
GROUP BY Cust_FName, Cust_MName, Cust_LName;
```

Result

CUST_FNAME	CUST_MNAME	CUST_LNAME	COUNT(ORDER_ID)
Catherine	Z	Jones	1

Query 10

This query is meant to list the name and addresses of a particular customer, in this case Lisa N Lohan.

Code

```

SELECT Cust_FName, Cust_MName, Cust_LName, Line_1, Line_2, Line_3, City, State, Zip_code
FROM Customer c JOIN Address a ON c.Customer_ID = a.Customer_ID
WHERE c.Customer_ID = (SELECT Customer_ID
                       FROM Customer
                       WHERE Cust_FName = 'Lisa' AND
                             Cust_MName = 'N' AND
                             Cust_LName = 'Lohan');

```

Result

CUST_FNAME	CUST_MNAME	CUST_LNAME	LINE_1	LINE_2	LINE_3	CITY	ST	ZIP_CODE
Lisa	N	Lohan	2811 Brodhead Road			Aaron	GA	30450
Lisa	N	Lohan	1150 Lake Hearn Drive	Ste 130		Atlanta	GA	30342
Lisa	N	Lohan	755 Hank Aaron Dr SW			Atlanta	GA	30315

Query 11

This query is meant to show the title and quantity of the books returned by a particular customer, in this case Gopal Moghiya.

Code

```
SELECT b.Title AS Titles_returned, RIQuantity AS Returned_Quantity
FROM ((order_item oi JOIN (Order1 o JOIN Customer c ON o.Customer_ID =
c.Customer_ID) ON oi.Order_ID = o.Order_ID)
JOIN Book b ON oi.Book_ID = b.Book_ID)
JOIN returns2 r ON oi.Order_item_ID = r.Order_item_ID
WHERE c.Customer_ID = (SELECT Customer_ID
FROM Customer
WHERE Cust_FName = 'Gopal' AND
Cust_LName = 'Moghiya');
```

Result

TITLES_RETURNED	RETURNED_QUANTITY
-----	-----
The Physics of Immortality	2
Double Fudge	1

Query 12

This query is meant to show the number of customers that have addresses in a particular state, in this case Pennsylvania.

Code

```
SELECT State, COUNT(DISTINCT a.Customer_ID) AS Number_of_Customers
FROM Address a JOIN Customer c ON a.Customer_ID = c.Customer_ID
WHERE State = 'PA'
GROUP BY State;
```

Result

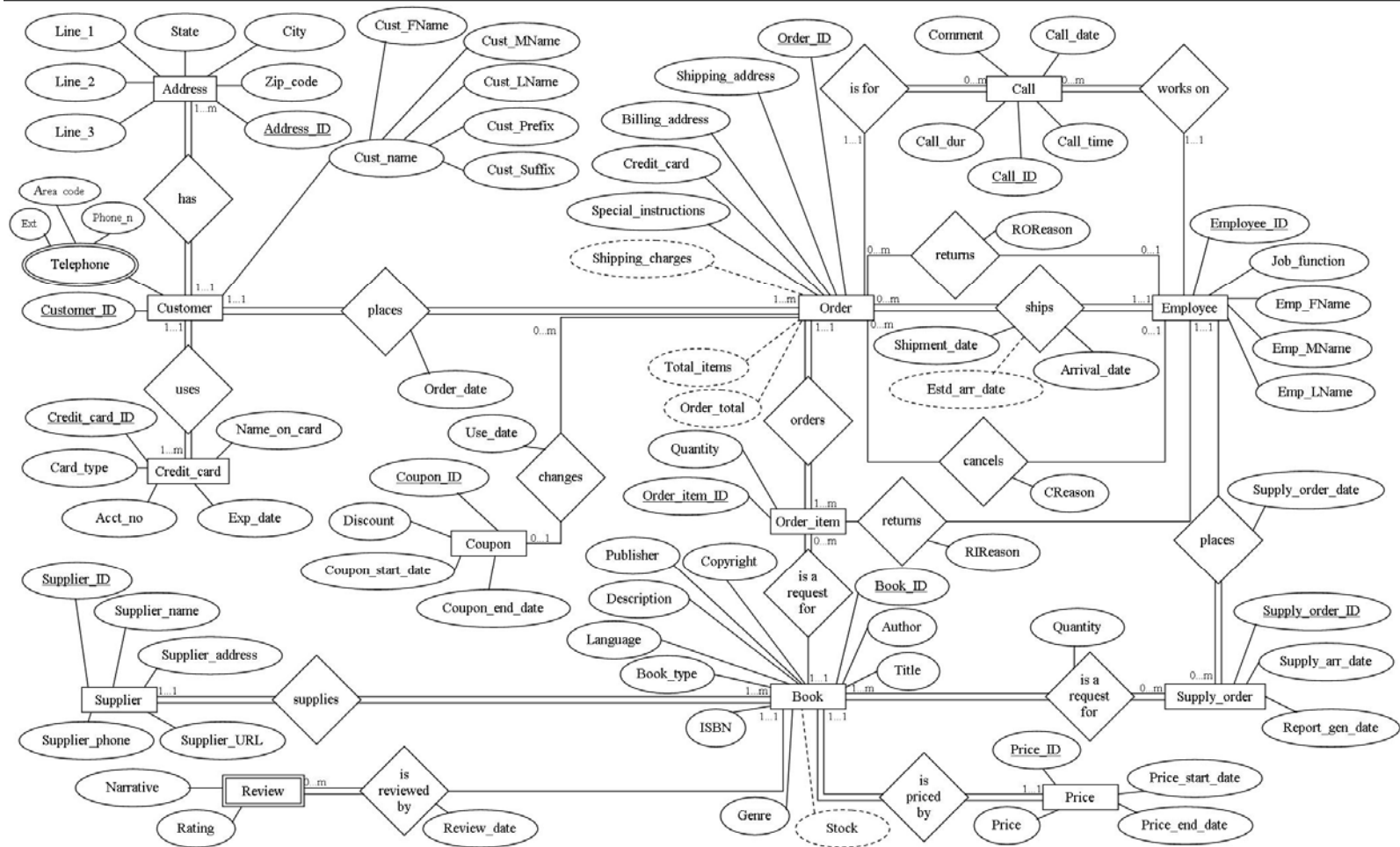
ST	NUMBER_OF_CUSTOMERS
--	-----
PA	3

Undeliverable Features

There were two main features that were not implemented in the final product. The first of these is the inclusion of functioning derived attributes. The second of these features is

the implementation of separate views and access for different user groups. Additionally we were not able to get the ON DELETE and ON UPDATE commands for foreign key constraints to work properly.

Entity Relationship Diagram



Data Dictionary

Address Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Address_ID	Char(16)	A000000000000001-A999999999999999	No	Yes	No
Customer_ID	Char(8)	C0000001-C9999999	No	No	Yes
Line_1	Char(100)	All	No	No	No
Line_2	Char(100)	All	Yes	No	No
Line_3	Char(100)	All	Yes	No	No
City	Char(50)	All	No	No	No
State	Char(2)	All	No	No	No
Zip_code	Num(5)	00000-99999	No	No	No

Customer Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Customer_ID	Char(8)	C0000001-C9999999	No	Yes	No
Cust_Prefix	Char(5)	All	Yes	No	No
Cust_FName	Char(50)	All	No	No	No
Cust_MName	Char(50)	All	Yes	No	No
Cust_LName	Char(50)	All	No	No	No
Cust_Suffix	Char(10)	All	Yes	No	No
Area_code	Num(3)	201-919	No	No	No
Phone_n	Num(7)	2210000-9999999	No	No	No
Ext	Num(8)	00000000-99999999	Yes	No	No

Credit_card Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Credit_card_ID	Char(17)	CC0000000000000001-CC9999999999999999	No	Yes	No
Customer_ID	Char(8)	C0000001-C9999999	No	No	Yes
Name_on_card	Char(100)	All	No	No	No

Card_type	Char(10)	All	No	No	No
Acct_no	Char(16)	0000000000000000-9999999999999999	No	No	No
Exp_date	Date	All	No	No	No

Order Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Order_ID	Char(24)	O000000000000000000001-C9999999999999999999	No	Yes	No
Customer_ID	Char(8)	C0000001-C9999999	Yes	No	Yes
Order_date	Date	All	No	No	No
Address_ID (Shipping Address)	Char(16)	A000000000000001-A999999999999999	Yes	No	Yes
Address_ID (Billing Address)	Char(16)	A000000000000001-A999999999999999	Yes	No	Yes
Credit_card_ID	Char(17)	CC00000000000001-CC999999999999999	Yes	No	Yes
Special_instructions	Char(200)	All	Yes	No	No
Shipping_charges	Decimal(5,2)	0-9	No	No	No
Total_items	Num(4)	0-9	No	No	No
Order_total	Decimal(7,2)	0-9	No	No	No

Call Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Call_ID	Char(16)	X000000000000001-X999999999999999	No	Yes	No
Order_ID	Char(24)	O000000000000000000001-C9999999999999999999	No	No	Yes
Employee_ID	Char(6)	E00001-E99999	No	No	Yes
Call_date	Date	All	No	No	No
Call_start_time	Timestamp		No	No	No
Call_end_time	Timestamp		No	No	No
Call_dur	Decimal(5,2)	hh:mm:ss	No	No	No
Comment	Char(200)	All	Yes	No	No

Employee Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
------------------	--------------------	--------------	-------------	-----------	-----------

Employee_ID	Char(6)	E00001-E99999	No	Yes	No
Emp_FName	Char(50)	All	No	No	No
Emp_MName	Char(50)	All	Yes	No	No
Emp_LName	Char(50)	All	No	No	No
Job_function	Char(15)	All	No	No	No

ships Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Order_ID	Char(24)	O000000000000000000001-O999999999999999999999	No	Yes	Yes
Employee_ID	Char(6)	E00001-E99999	No	Yes	Yes
Shipment_date	Date	All	No	No	No
Estd_arr_date	Date	All	No	No	No
Arrival_date	Date	All	Yes	No	No

Cancels Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Order_ID	Char(24)	O000000000000000000001-O999999999999999999999	No	Yes	Yes
Employee_ID	Char(6)	E00001-E99999	No	Yes	Yes
Cdate	Date	All	No	No	No
CReason	Char(18)	All	No	No	No

returns1 Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Order_ID	Char(24)	O000000000000000000001-O999999999999999999999	No	Yes	Yes
Employee_ID	Char(6)	E00001-E99999	No	Yes	Yes
RODate	Date	All	No	No	No
ROReason	Char(18)	All	No	No	No

returns2 Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
------------------	--------------------	--------------	-------------	-----------	-----------

Order_item_ID	Char(30)	I00000000000000000000000000000001- I99999999999999999999999999999999	No	Yes	Yes
Employee_ID	Char(6)	E00001-E99999	No	Yes	Yes
RIDate	Date		No	No	No
RIQuantity	Num(3)	0-9	No	No	No
RIReason	Char1(18)	All	No	No	No

Order_item Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Order_item_ID	Char(30)	I00000000000000000000000000000001- I99999999999999999999999999999999	No	Yes	No
Order_ID	Char(24)	O0000000000000000000000001-O99999999999999999999999999999999	No	No	Yes
Book_ID	Char(20)	B00000000000000000001-B99999999999999999999999999999999	No	No	Yes
Quantity	Num(2)	01-20	No	No	No

Book Table

<u>Attribute</u>	<u>Domain Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Book_ID	Char(20)	B00000000000000000001-B99999999999999999999999999999999	No	Yes	No
Supplier_ID	Char(7)	S000001-S999999	No	No	Yes
Title	Char(200)	All	No	No	No
Author	Char(100)	All	Yes	No	No
ISBN	Char(10)	All	No	No	No
Copyright	Integer(4)	0001-9999	Yes	No	No
Publisher	Char(200)	All	Yes	No	No
Description	Char(1500)	All	Yes	No	No
Language	Char(100)	All	No	No	No
Book_type	Char(9)	All	No	No	No
Genre	Char(30)	All	No	No	No
Stock	Num(6)	0-9	No	No	No

Supplier Table

<u>Attribute</u>	<u>Domain</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
------------------	---------------	--------------	-------------	-----------	-----------

	<u>Type</u>				
Book_ID	Char(20)	B0000000000000000001-B999999999999999999	No	Yes	Yes
Narrative	Char(1000)	All	Yes	No	No
Rating	Num(1)	1-5	No	No	No
Review_date	Date		No	No	No

Supply_order Table

<u>Attribute</u>	<u>Domain</u> <u>Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Supply_order_ID	Char(10)	SO00000001-SO99999999	No	Yes	No
Employee_ID	Char(6)	E00001-E99999	No	No	Yes
Supply_arr_date	Date		No	No	No
Report_gen_date	Date		Yes	No	No
Supply_order_date	Date		No	No	No

is a request for Table

<u>Attribute</u>	<u>Domain</u> <u>Type</u>	<u>Range</u>	<u>Null</u>	<u>PK</u>	<u>FK</u>
Supply_order_ID	Char(10)	00000001-99999999	No	Yes	Yes
Book_ID	Char(20)	B0000000000000000001-B999999999999999999	No	Yes	Yes
SOQuantity	Num(5)	0-9	No	No	No

Appendix A: Project Proposal



Group Members
Connors, James
Huang, Min
Lyter, Jeremy S
Morris, Chad A
Tabassum, Najma

Project Proposal

NiteLight is a book resale company that handles orders exclusively via Internet and over the phone. NiteLight wishes to create a database to handle taking and fulfilling orders. In addition, the database should keep track of inventory at NiteLight's warehouse. It has been determined that there are four distinct sets of users for this database: Customers, Call Center Employees, Shipping and Receiving Employees and Managers. Below are outlined the data and transaction requirements of each category of users.

Customer View

Data Requirements

Personal Information

The customer wants to store information about him/herself in order to place an order and make future ordering easier. This information includes name, shipping address(es), billing address(es), telephone number(s), email address(es) and credit card information.

Books

The customer wants to be able to view information about the books that NiteLight has available. This information includes book titles, price, author, publisher, copyright date, genre, language and ISBN. The customer also wants to know whether the product is a hardback book, paperback book, book on CD or book on cassette. They also need to be able to check availability. Additionally, the customer would like a description of the book.

Orders

The customer wants to be able to place an order and view information about current and past orders. This information he/she requires includes a list of what products are/were ordered, the price of each product, the total cost of the order, the shipping costs for the order, the date the order is/was placed, the date the order should/does ship, the date the order should/does arrive, the address the order will be shipped to, the total number of products in an order and the credit card the order will be billed to. They also need to be able to note special instructions/comments, such as were to leave the package if no one is home in order to receive the package.

Transaction Requirements

- Data Entry
 - Create Customer record
 - Enter Credit Card information
 - Place Order
- Update/Deletion
 - Update/delete Customer record
 - Update/delete Credit Card information
- Data Queries
 - List details about Order – check status
 - List number of orders placed for a certain time period
 - Title search
 - Author search
 - ISBN search
 - Publisher search
 - Genre search
 - Price search
 - Combined criteria search
 - List available inventory for a certain product

Call Center Employee View

Data Requirements

Customer Personal Information

The call center employee needs access to personal information about customers in order to enter a new customer into the database, place an order for a customer, change an order for a customer or cancel an order for a customer. This information includes customer name(s), shipping address(es), billing address(es), telephone number(s), email address(es) and credit card information.

Books

The call center employee wants to be able to view information about the books that NiteLight has available in order to help customers place orders. This information includes book title, price, author, publisher, copyright data, genre, language and ISBN. The call

center employee also wants to know whether the product is a hardback book, paperback book, book on CD or book on cassette. He/she also needs to be able to check availability. The call center employee would also like a description of the book.

Orders

The call center employee wants to be able to place an order and view information about a customer's current and past orders. This information includes a list of what products are/were ordered, the price of each product, the total cost of the order, the shipping costs for the order, the date the order is/was placed, the date the order should/does ship, the date the order should/does arrive, the address order will be shipped to, the total number of products in an order and the credit card order will be billed to. They also need to be able to note special instructions/comments. Because customers must call in order to change orders, cancel orders and return items, the call center employee also need to be able to note date(s) and reason(s) for item or order cancellation and/or item return.

Transaction Requirements

- Data Entry
 - Create Customer record
 - Enter Credit Card information
 - Place Order
- Update/Deletion
 - Update/delete Customer record
 - Update/delete Credit Card information
 - Update/delete Order
- Data Queries
 - List details about Order – check status
 - List number of orders placed for a certain time period
 - Title search
 - Author search
 - ISBN search
 - Publisher search
 - Genre search
 - Price search
 - Combined criteria search
 - List available inventory for certain product
 - List number of calls handled for certain time period

Shipping and Receiving Employee View

Data Requirements

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Orders

The shipping and receiving employee needs to have information about orders that are placed in order to fulfill and ship orders. This information includes receiver's name, receiver's address, what products should be included in the order, the total number of products in the order and the date the order was placed.

Books

The shipping and receiving employee wants to be able to enter and view information about the books that NiteLight has available. This information includes book title, price, author, publisher, copyright data, genre, language and ISBN. The shipping and receiving employee should also have access to whether the product is a hardback book, paperback book, book on CD or book on cassette. They also need to be able to check availability. The shipping and receiving employee would have to enter a description of the book.

Suppliers

The shipping and receiving employee needs to enter and view information about NiteLight's suppliers. This information includes the name of the supplier, the supplier's contact information and what products each supplier supplies.

Transaction Requirements

- Data Entry
 - Create Book record
 - Create Supplier record
- Update/Deletion
 - Update/delete Book record
 - Update/delete Supplier record
 - Update Order
- Data Queries
 - List available inventory for certain product
 - List inventory at warehouse
 - List products by Supplier

Manager View

Data Requirements

Customer Personal Information

The Manager needs access to personal information about customers in order to work on problem orders and determine marketing strategies. This information includes customer name(s), shipping address(es), billing address(es), telephone number(s), email address(es) and credit card information.

Books

The Manager wants to be able to view information about the books that NiteLight has available. This information includes book title, price, author, publisher, copyright data, genre, language and ISBN. The Manager also wants to know whether the product is a hardback book, paperback book, book on CD or book on cassette. The Manager also needs to be able to check availability.

Orders

The Manager wants to be able to have access to information about orders placed with NiteLight. He/She would like to use this information to gather information about sales as well as determine marketing strategies and product line. The information the Manager is interested in includes what products were ordered, the price of each product, the total cost of the order, the shipping costs for the order, the date the order was placed, the date the order should/did ship, the date the order should/did arrive, the address the order will be shipped to and the credit card the order will be billed to. The Manager also wants his/her employees to be able to note date(s) and reason(s) for order or item cancellation and/or item return.

Suppliers

The Manager needs access to information about NiteLight's suppliers. The Manager needs this information in order to negotiate supply deals for the company. This information includes the name of the supplier, supplier contact information and what products each supplier supplies.

Transaction Requirements

- Data Entry
 - Create Customer record
 - Create Employee record
 - Create Book record
 - Enter Credit Card information
 - Place Order
 - Create Supplier record
- Update/Deletion
 - Update/delete Customer record
 - Update/delete Credit Card information
 - Update/delete Order
 - Update/delete Employee record
 - Update/delete Book record
 - Update/delete Supplier record
- Data Queries
 - List employees
 - List employees by job function
 - List calls for each call center employees over a certain time period
 - List calls for all call center employees over a certain time period
 - List number of products sold that are in a certain genre
 - List number of products sold during certain time period
 - List number of products sold that are published by a certain publisher
 - List number of products sold that are in a certain price range
 - List customers by telephone number and/or address criteria
 - List orders by shipping address criteria
 - List amount of products shipped at certain warehouses
 - List orders by price range
 - List available inventory for certain product
 - List inventory at each warehouse

- List details about Order – check status
- List number of orders placed for a certain time period
- Title search
- Author search
- ISBN search
- Publisher search
- Genre search
- Price search
- Combined criteria search
- List available inventory for certain product
- List products by Supplier
- List reasons for cancellation or return

Appendix B: Project Code**Table Creation Code**

```

CREATE TABLE Customer (
    Customer_ID      CHAR(8)          NOT NULL,
    Cust_Prefix      VARCHAR2(5),
    Cust_FName       VARCHAR2(50)     NOT NULL,
    Cust_MName       VARCHAR2(50),
    Cust_LName       VARCHAR2(50)     NOT NULL,
    Cust_Suffix      VARCHAR2(10),
    Area_code        INTEGER          NOT NULL
        CHECK (Area_code >= 201 AND Area_code <=919),
    Phone_n          INTEGER          NOT NULL
        CHECK (Phone_n >= 2210000 AND Phone_n <= 9999999),
    Ext              INTEGER,
    PRIMARY KEY (Customer_ID)
);

CREATE TABLE Address (
    Address_ID      CHAR(16)         NOT NULL,
    Customer_ID     CHAR(8)          NOT NULL,
    Line_1          VARCHAR2(100)    NOT NULL,
    Line_2          VARCHAR2(100),
    Line_3          VARCHAR2(100),
    City           VARCHAR2(50)     NOT NULL,
    State          CHAR(2)          NOT NULL,
    Zip_code       INTEGER          NOT NULL,
    PRIMARY KEY (Address_ID),
    FOREIGN KEY (Customer_ID) REFERENCES Customer(Customer_ID)
);

CREATE TABLE Credit_card (
    Credit_card_ID  CHAR(17)         NOT NULL,
    Customer_ID     CHAR(8)          NOT NULL,
    Name_on_card    VARCHAR2(100)    NOT NULL,
    Card_type       VARCHAR2(10)     NOT NULL
        CHECK (Card_type IN ('Visa', 'Mastercard', 'AExpress')),
    Acct_no        CHAR(16)         NOT NULL,
    Exp_date       DATE             NOT NULL,
    PRIMARY KEY (Credit_card_ID),
    FOREIGN KEY (Customer_ID) REFERENCES Customer(Customer_ID)
);

CREATE TABLE Order1 (
    Order_ID        CHAR(24)         NOT NULL,

```

```

Customer_ID      CHAR(8),
Order_date       DATE,
Address_ID1      CHAR(16),
Address_ID2      CHAR(16),
Credit_card_ID   CHAR(17),
Special_instructions  VARCHAR2(200),
Shipping_charges DECIMAL(5,2)          NOT NULL,
Total_items      INTEGER                NOT NULL,
Order_total      DECIMAL(7,2)          NOT NULL,
PRIMARY KEY (Order_ID),
FOREIGN KEY (Customer_ID) REFERENCES Customer(Customer_ID),
FOREIGN KEY (Address_ID1) REFERENCES Address(Address_ID),
FOREIGN KEY (Address_ID2) REFERENCES Address(Address_ID),
FOREIGN KEY (Credit_card_ID) REFERENCES Credit_card(Credit_card_ID)
);

```

```

CREATE TABLE Employee (
Employee_ID      CHAR(6)                NOT NULL,
Emp_FName        VARCHAR2(50)          NOT NULL,
Emp_MName        VARCHAR2(50),
Emp_LName        VARCHAR2(50)          NOT NULL,
Job_function     VARCHAR2(15)          NOT NULL
CHECK (Job_function IN ('Manager', 'Call Center', 'Fulfillment')),
PRIMARY KEY (Employee_ID)
);

```

```

CREATE TABLE Call (
Call_ID          CHAR(16)                NOT NULL,
Order_ID         CHAR(24)                NOT NULL,
Employee_ID      CHAR(6)                NOT NULL,
Call_date        DATE                    NOT NULL,
Call_start_time  TIMESTAMP               NOT NULL,
Call_end_time    TIMESTAMP               NOT NULL,
Call_Comment     VARCHAR2(200),
Call_dur         DECIMAL(5,2),
PRIMARY KEY (Call_ID),
FOREIGN KEY (Order_ID) REFERENCES Order1(Order_ID),
FOREIGN KEY (Employee_ID) REFERENCES Employee(Employee_ID)
);

```

```

CREATE TABLE ships (
Order_ID         CHAR(24)                NOT NULL,
Employee_ID      CHAR(6)                NOT NULL,
Shipment_date    DATE                    NOT NULL,
Est_arr_date     DATE,
Arrival_date     DATE,

```

```

PRIMARY KEY (Order_ID, Employee_ID),
FOREIGN KEY (Order_ID) REFERENCES Order1(Order_ID),
FOREIGN KEY (Employee_ID) REFERENCES Employee(Employee_ID)
);

```

```

CREATE TABLE Supplier (
    Supplier_ID      CHAR(7)          NOT NULL,
    Supplier_name    VARCHAR2(100)    NOT NULL,
    Supplier_address VARCHAR2(300)    NOT NULL,
    Supplier_phone   VARCHAR2(20),
    Supplier_URL     VARCHAR2(50),
    PRIMARY KEY (Supplier_ID)
);

```

```

CREATE TABLE Book (
    Book_ID          CHAR(20)          NOT NULL,
    Supplier_ID     CHAR(7),
    Title           VARCHAR2(200)    NOT NULL,
    Author          VARCHAR2(100),
    ISBN            VARCHAR(10)      NOT NULL,
    Copyright       CHAR(4),
    Publisher       VARCHAR2(200),
    Description     VARCHAR2(1500),
    Language        VARCHAR2(100)    NOT NULL,
    Book_type       VARCHAR2(9)      NOT NULL
        CHECK (Book_type IN ('Hardback', 'Paperback', 'CD', 'Cassette')),
    Genre           VARCHAR2(30)
        CHECK (Genre IN ('Non-fiction', 'Fiction', 'Childrens', 'Religion',
'Classic', 'Horror', 'Romance', 'Suspense')),
    Stock           INTEGER          NOT NULL,
    PRIMARY KEY (Book_ID),
    FOREIGN KEY (Supplier_ID) REFERENCES Supplier(Supplier_ID)
);

```

```

CREATE TABLE cancels (
    Order_ID        CHAR(24)          NOT NULL,
    Employee_ID     CHAR(6)           NOT NULL,
    CDate           DATE              NOT NULL,
    CReason         VARCHAR2(18)     NOT NULL
        CHECK (CReason IN ('found better price', 'changed mind', 'other')),
    PRIMARY KEY (Order_ID, Employee_ID),
    FOREIGN KEY (Order_ID) REFERENCES Order1(Order_ID),
    FOREIGN KEY (Employee_ID) REFERENCES Employee(Employee_ID)
);

```

```

CREATE TABLE returns1 (

```

```

Order_ID          CHAR(24)          NOT NULL,
Employee_ID       CHAR(6)           NOT NULL,
RODate            DATE             NOT NULL,
ROReason          VARCHAR2(18)      NOT NULL
                CHECK (ROReason IN ('found better price', 'gift return', 'defective
product', 'changed mind', 'other')),
                PRIMARY KEY (Order_ID, Employee_ID),
                FOREIGN KEY (Order_ID) REFERENCES Order1(Order_ID),
                FOREIGN KEY (Employee_ID) REFERENCES Employee(Employee_ID)
);

CREATE TABLE Order_item (
    Order_item_ID   CHAR(30)          NOT NULL,
    Order_ID        CHAR(24)          NOT NULL,
    Book_ID         CHAR(20)          NOT NULL,
    Quantity        INTEGER           NOT NULL,
    OIPrice         DECIMAL(6,2),
    PRIMARY KEY (Order_item_ID),
    FOREIGN KEY (Order_ID) REFERENCES Order1(Order_ID),
    FOREIGN KEY (Book_ID) REFERENCES Book(Book_ID)
);

CREATE TABLE returns2 (
    Order_item_ID   CHAR(30)          NOT NULL,
    Employee_ID     CHAR(6)           NOT NULL,
    RIDate          DATE             NOT NULL,
    RIQuantity      INTEGER           NOT NULL,
    RIRReason       VARCHAR2(18)      NOT NULL
                CHECK (RIRReason IN ('found better price', 'gift return', 'defective
product', 'changed mind', 'other')),
                PRIMARY KEY (Order_item_ID, Employee_ID),
                FOREIGN KEY (Order_item_ID) REFERENCES Order_item(Order_item_ID),
                FOREIGN KEY (Employee_ID) REFERENCES Employee(Employee_ID)
);

CREATE TABLE Coupon (
    Coupon_ID      CHAR(8)           NOT NULL,
    Discount        DECIMAL(5,2)     NOT NULL,
    Coupon_start_date DATE           NOT NULL,
    Coupon_end_date DATE            NOT NULL,
    PRIMARY KEY (Coupon_ID)
);

CREATE TABLE changes (
    Coupon_ID      CHAR(8)           NOT NULL,
    Order_ID       CHAR(24)          NOT NULL,

```

```

    Use_date    DATE        NOT NULL,
    PRIMARY KEY (Coupon_ID, Order_ID),
    FOREIGN KEY (Coupon_ID) REFERENCES Coupon(Coupon_ID),
    FOREIGN KEY (Order_ID) REFERENCES Order1(Order_ID)
);

```

```

CREATE TABLE Price (
    Price_ID    CHAR(30)    NOT NULL,
    Book_ID     CHAR(20)    NOT NULL,
    Price       DECIMAL(6,2) NOT NULL,
    Price_start_date DATE    NOT NULL,
    Price_end_date DATE,
    PRIMARY KEY (Price_ID),
    FOREIGN KEY (Book_ID) REFERENCES Book(Book_ID)
);

```

```

CREATE TABLE Review (
    Book_ID     CHAR(20)    NOT NULL,
    Narrative    VARCHAR2(1000),
    Rating      INTEGER     NOT NULL
                CHECK (Rating IN (1, 2, 3, 4, 5)),
    Review_date DATE        NOT NULL,
    PRIMARY KEY (Book_ID)
);

```

```

CREATE TABLE Supply_order (
    Supply_order_ID CHAR(10) NOT NULL,
    Employee_ID     CHAR(6)  NOT NULL,
    Supply_arr_date DATE,
    Report_gen_date DATE,
    Supply_order_date DATE    NOT NULL,
    PRIMARY KEY (Supply_order_ID),
    FOREIGN KEY (Employee_ID) REFERENCES Employee(Employee_ID)
);

```

```

CREATE TABLE is_a_request_for (
    Supply_order_ID CHAR(10) NOT NULL,
    Book_ID         CHAR(20) NOT NULL,
    SOQuantity      INTEGER   NOT NULL,
    PRIMARY KEY (Supply_order_ID, Book_ID),
    FOREIGN KEY (Supply_order_ID) REFERENCES
Supply_order(Supply_order_ID),
    FOREIGN KEY (Book_ID) REFERENCES Book(Book_ID)
);

```

Data Creation Code

```
INSERT INTO Customer  
VALUES ('C0000001', 'Mrs', 'Elizabeth', 'M', 'Cherhal', NULL, 610, 3595182, NULL);
```

```
INSERT INTO Customer  
VALUES ('C0000002', 'Ms', 'Mary', 'Ham', 'Katherine', NULL, 334, 7714274, NULL);
```

```
INSERT INTO Customer  
VALUES ('C0000003', 'Mr', 'Juan', NULL, 'Aboston', 'Esq', 520, 2685565, 102);
```

```
INSERT INTO Customer  
VALUES ('C0000004', NULL, 'John', NULL, 'Doe', 'Jr', 501, 4302969, NULL);
```

```
INSERT INTO Customer  
VALUES ('C0000005', NULL, 'Catherine', 'Z', 'Martin', NULL, 303, 4329799, NULL);
```

```
INSERT INTO Customer  
VALUES ('C0000006', 'Ms', 'Mary', 'Ham', 'Katherine', NULL, 302, 7714274, NULL);
```

```
INSERT INTO Customer  
VALUES ('C0000007', NULL, 'Thomas', 'M', 'Zedeker', 'Sr', 772, 9314771, NULL);
```

```
INSERT INTO Customer  
VALUES ('C0000008', 'Mrs', 'Lisa', 'N', 'Lohan', NULL, 912, 3545852, NULL);
```

```
INSERT INTO Customer  
VALUES ('C0000009', 'Dr', 'John', 'F X', 'OReilly', NULL, 808, 4850136, NULL);
```

```
INSERT INTO Customer  
VALUES ('C0000010', 'Dr', 'Catherine', 'Z', 'Jones', NULL, 224, 3818811, NULL);
```

```
INSERT INTO Customer  
VALUES ('C0000011', 'Ms', 'Mary', NULL, 'Tryon', NULL, 606, 2569775, NULL);
```

```
INSERT INTO Customer  
VALUES ('C0000012', NULL, 'Leslie', NULL, 'Florada', NULL, 785, 5861777, 8675);
```

```
INSERT INTO Customer  
VALUES ('C0000013', NULL, 'Maurice', NULL, 'Hornocker', NULL, 225, 8824442,  
216);
```

```
INSERT INTO Customer  
VALUES ('C0000014', 'Mr', 'Peter', NULL, 'Matthiessen', 'Jr', 413, 4390899, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000015', 'Mr', 'George', NULL, 'Schaller', NULL, 347, 7750200, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000016', NULL, 'Ullas', NULL, 'Karanth', NULL, 646, 7202718, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000017', NULL, 'Gopal', NULL, 'Moghiya', NULL, 914, 8961300, 15);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000018', 'Dr', 'John', 'S', 'Gurney', NULL, 307, 8980500, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000019', NULL, 'Ron', NULL, 'Roy', NULL, 202, 9666461, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000020', NULL, 'Ruth', NULL, 'Rose', 'II', 843, 5742420, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000021', 'Mr', 'Brian', 'G', 'Karas', NULL, 314, 7740762, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000022', 'Mrs', 'Ann', NULL, 'Squire', NULL, 660, 7204200, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000023', 'Mrs', 'Eleanor', 'B', 'Heady', NULL, 660, 4502741, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000024', NULL, 'Steven', NULL, 'Kellogg', 'IV', 775, 5480334, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000025', 'Ms', 'Emma', 'J', 'Simpson', NULL, 302, 7254421, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000026', 'Mr', 'Barry', NULL, 'Denenberg', NULL, 215, 2498008, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000027', NULL, 'Rachel', NULL, 'Harris', NULL, 445, 3724513, NULL);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000028', 'Dr', 'Elizabeth', NULL, 'Marshall', NULL, 878, 3451115, 1342);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000029', NULL, 'Jared', NULL, 'Taylor', 'III', 336, 3821311, 045);
```

```
INSERT INTO Customer
```

```
VALUES ('C0000030', 'Ms', 'Rachel', 'L', 'Williams', NULL, 302, 3376280, NULL);
```

```
INSERT INTO Address
VALUES ('A000000000000001', 'C0000001', '90201 Beverly Hills', NULL, NULL, 'Blue
Bell', 'PA', 18104);
```

```
INSERT INTO Address
VALUES ('A0000000000000021', 'C0000001', '3502 Scotts Lane', NULL, NULL,
'Philadelphia', 'PA', 19129);
```

```
INSERT INTO Address
VALUES ('A0000000000000022', 'C0000001', '900 N Broad Street', 'Apt. 3F', NULL,
'Philadelphia', 'PA', 19130);
```

```
INSERT INTO Address
VALUES ('A000000000000002', 'C0000002', '1728 Tilgman street', NULL, NULL,
'Montgomery', 'AL', 36101);
```

```
INSERT INTO Address
VALUES ('A0000000000000023', 'C0000002', '1405 Building', '600 Chennault Circle',
'Maxwell base', 'MONTgomery', 'AL', 36112);
```

```
INSERT INTO Address
VALUES ('A000000000000003', 'C0000003', '3823 Skippack Pike', NULL, NULL,
'Queen Creek', 'AZ', 85242);
```

```
INSERT INTO Address
VALUES ('A0000000000000024', 'C0000003', '19335 E Avenida Del Valle', '2nd Floor',
NULL, 'Queen Creek', 'AZ', 89097);
```

```
INSERT INTO Address
VALUES ('A0000000000000025', 'C0000003', '33178 N Brinlee Lane', NULL, NULL,
'Queen Creek', 'AZ', 85243);
```

```
INSERT INTO Address
VALUES ('A0000000000000026', 'C0000003', '20011 1/2 Palm Beach Drive', NULL,
NULL, 'Queen Creek', 'AZ', 87149);
```

```
INSERT INTO Address
VALUES ('A000000000000004', 'C0000004', '165 West Lancaster Avenue', NULL,
NULL, 'Allport', 'AR', 72046);
```

```
INSERT INTO Address
VALUES ('A0000000000000027', 'C0000004', '2506 W 28th Avenue', 'Ste 1305', NULL,
'Pine Bluff', 'AR', 71603);
```

```
INSERT INTO Address
VALUES ('A0000000000000028', 'C0000004', '2645 Pike Avenue', NULL, NULL, 'North
Little Rock', 'AR', 72114);
```

```
INSERT INTO Address
VALUES ('A0000000000000005', 'C0000005', '325 West Main street', '1st Floor', NULL,
'Arvada', 'CO', 80004);
```

```
INSERT INTO Address
VALUES ('A0000000000000029', 'C0000005', '1745 Shea Center Drive', NULL, NULL,
'Littleton', 'CO', 80129);
```

```
INSERT INTO Address
VALUES ('A0000000000000030', 'C0000005', '10475 Park Meadows Drive', NULL,
NULL, 'Littleton', 'CO', 80124);
```

```
INSERT INTO Address
VALUES ('A0000000000000006', 'C0000006', '225-D Best Avenue', NULL, NULL,
'Wilmington', 'DE', 19802);
```

```
INSERT INTO Address
VALUES ('A0000000000000031', 'C0000006', '20 W 60th Street', '#23', NULL,
'Wilmington', 'DE', 19804);
```

```
INSERT INTO Address
VALUES ('A0000000000000007', 'C0000007', '220 South 3rd Street', 'Apt.608', NULL,
'Citrus Ridge', 'FL', 32966);
```

```
INSERT INTO Address
VALUES ('A0000000000000032', 'C0000007', '8021 W Gulf to Lake Highway', NULL,
NULL, 'Crystal River', 'FL', 34429);
```

```
INSERT INTO Address
VALUES ('A0000000000000033', 'C0000007', '5474 W Paprika Loop', 'Ste 103', NULL,
'Homosassa', 'FL', 34448);
```

```
INSERT INTO Address
VALUES ('A0000000000000008', 'C0000008', '2811 Brodhead Road', NULL, NULL,
'Aaron', 'Ga', 30450);
```

```
INSERT INTO Address
VALUES ('A0000000000000034', 'C0000008', '1150 Lake Hearn Drive', 'Ste 130', NULL,
'Atlanta', 'Ga', 30342);
```

```
INSERT INTO Address
```

VALUES ('A0000000000000035', 'C0000008', '755 Hank Aaron Dr SW', NULL, NULL, 'Atlanta', 'Ga', 30315);

INSERT INTO Address

VALUES ('A0000000000000009', 'C0000009', '909 Paoli Pike Creek', NULL, NULL, 'Bellows Falls', 'VT', 05101);

INSERT INTO Address

VALUES ('A0000000000000010', 'C0000010', 'Media Unlimited', '801 North Providence Road', NULL, 'Waukegan', 'IL', 60085);

INSERT INTO Address

VALUES ('A0000000000000011', 'C0000011', '617 Washington Avenue', NULL, NULL, 'Acorn', 'KY', 42501);

INSERT INTO Address

VALUES ('A0000000000000012', 'C0000012', '703 Burmont Hill', 'Drexel Hill East', NULL, 'Abilene', 'KS', 67410);

INSERT INTO Address

VALUES ('A0000000000000036', 'C0000012', '306 NW 3rd Street', '5th Floor', NULL, 'Abilene', 'KS', 67410);

INSERT INTO Address

VALUES ('A0000000000000037', 'C0000012', '201 S Buckeye Ave', NULL, NULL, 'Abilene', 'KS', 67410);

INSERT INTO Address

VALUES ('A0000000000000013', 'C0000013', '848 East Lancaster Avenue', 'Four Acre Estates', NULL, 'Baton Rouge', 'LA', 70802);

INSERT INTO Address

VALUES ('A0000000000000014', 'C0000014', '1857 Old Pike', 'Sinking Spring Villas', NULL, 'Allendale', 'MA', 01210);

INSERT INTO Address

VALUES ('A0000000000000015', 'C0000015', '2247 Village Road', NULL, NULL, 'Cossayuna Lake', 'NY', 12823);

INSERT INTO Address

VALUES ('A0000000000000038', 'C0000015', '326 E Lake Rd', NULL, NULL, 'Cossayuna Lake', 'NY', 12823);

INSERT INTO Address

VALUES ('A0000000000000016', 'C0000016', '3152 East Lincoln Highway', NULL, NULL, 'Alexandria Bay', 'NY', 13607);

```
INSERT INTO Address
VALUES ('A0000000000000017', 'C0000017', '1604 MacDade Boulevard', 'Folsom Hills',
NULL, 'Marshfield Hills', 'NY', 02051);
```

```
INSERT INTO Address
VALUES ('A0000000000000018', 'C0000018', '4105 Durham Road', NULL, NULL,
'Bordeaux', 'WY', 82201);
```

```
INSERT INTO Address
VALUES ('A0000000000000039', 'C0000018', '8015 Third St', NULL, NULL, 'Bordeaux',
'WY', 82520);
```

```
INSERT INTO Address
VALUES ('A0000000000000019', 'C0000019', 'Cooking Thin', '2510 MacArthur Road',
'Ste 607', 'Washington', 'DC', 20029);
```

```
INSERT INTO Address
VALUES ('A0000000000000040', 'C0000019', '518 23rd Street', NULL, NULL,
'Washington', 'DC', 20520);
```

```
INSERT INTO Address
VALUES ('A0000000000000020', 'C0000020', '126 Haverford Avenue', NULL, NULL,
'Adams Run', 'SC', 29426);
```

```
INSERT INTO Address
VALUES ('A0000000000000041', 'C0000021', '121 South Meramec', 'Ste 412', NULL,
'Clayton', 'MO', 63105);
```

```
INSERT INTO Address
VALUES ('A0000000000000042', 'C0000022', '8320 North Oak Trafficway', 'Ste 265',
NULL, 'Kansas', 'MO', 64118);
```

```
INSERT INTO Address
VALUES ('A0000000000000043', 'C0000023', '7270 Olive Boulevard', NULL, NULL,
'Saint Louis', 'MO', 63130);
```

```
INSERT INTO Address
VALUES ('A0000000000000044', 'C0000024', '4600 Kietzke Lane', 'Apt 235', NULL,
'Reno', 'NV', 89502);
```

```
INSERT INTO Address
VALUES ('A0000000000000045', 'C0000025', '1550 W Washington Avenue', NULL,
NULL, 'wilmington', 'DE', 19802);
```

```
INSERT INTO Address
```

```
VALUES ('A000000000000046', 'C0000026', '3180 chestnut Street', 'Floor 4', NULL, 'Philadelphia', 'PA', 19104);
```

```
INSERT INTO Address
```

```
VALUES ('A000000000000047', 'C0000027', '400 R Street', 'Suite 4000', NULL, 'Sacramento', 'CA', 95814);
```

```
INSERT INTO Address
```

```
VALUES ('A000000000000048', 'C0000028', 'RD 4', 'BOX 26A', NULL, 'Kittanning', 'PA', 16201);
```

```
INSERT INTO Address
```

```
VALUES ('A000000000000049', 'C0000029', '500 Sunset Avenue', NULL, NULL, 'Asheboro', 'NC', 27203);
```

```
INSERT INTO Address
```

```
VALUES ('A000000000000050', 'C0000030', '20 W 10th street', NULL, NULL, 'Wilmington', 'DE', 19802);
```

```
INSERT INTO Credit_card
```

```
VALUES ('CC0000000000000001', 'C0000001', 'Elizabeth M Cherhal', 'Visa', '6054860300332703', '31/JAN/2008');
```

```
INSERT INTO Credit_card
```

```
VALUES ('CC0000000000000002', 'C0000002', 'Mary Ham Katherine', 'Visa', '3342589614585621', '31/JAN/2006');
```

```
INSERT INTO Credit_card
```

```
VALUES ('CC0000000000000003', 'C0000003', 'Juan Aboston', 'Mastercard', '5021123452214839', '31/JUL/2007');
```

```
INSERT INTO Credit_card
```

```
VALUES ('CC0000000000000004', 'C0000004', 'John Doe', 'AExpress', '0150471135455452', '30/JUN/2009');
```

```
INSERT INTO Credit_card
```

```
VALUES ('CC00000000000000034', 'C0000004', 'John Doe', 'Mastercard', '2058658001593570', '30/JUN/2006');
```

```
INSERT INTO Credit_card
```

```
VALUES ('CC0000000000000005', 'C0000005', 'Catherine Martin', 'Mastercard', '3313179930216581', '28/FEB/2006');
```

```
INSERT INTO Credit_card
```

```
VALUES ('CC000000000000035', 'C0000005', 'Catherine Martin', 'AExpress',  
'4513137834892481', '31/DEC/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000006', 'C0000006', 'Mary Katherine', 'AExpress',  
'3102453282274444', '31/MAR/2007');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000007', 'C0000007', 'Thomas M Zedeker', 'Mastercard',  
'0072475106133210', '30/APR/2008');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000008', 'C0000008', 'Lisa N Lohan', 'Visa',  
'1912458582008001', '31/MAY/2009');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000009', 'C0000009', 'John OReilly', 'Mastercard',  
'8038498723456102', '30/JUN/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000010', 'C0000010', 'Catherine Z Jones', 'AExpress',  
'2524120781911797', '31/JUL/2008');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000011', 'C0000011', 'Mary Tryon', 'Visa',  
'1606022319692500', '31/AUG/2009');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000012', 'C0000012', 'Leslie Florada', 'Mastercard',  
'0212189831071906', '31/JAN/2008');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000039', 'C0000012', 'Leslie Florada', 'AExpress',  
'1212818125243624', '31/AUG/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000013', 'C0000013', 'Maurice Hornocker', 'AExpress',  
'2215081223022463', '28/FEB/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000014', 'C0000014', 'Peter Matthiessen', 'Mastercard',  
'4398007218800403', '30/APR/2008');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000015', 'C0000015', 'George Schaller', 'Visa',  
'3241459857195873', '30/JUN/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000031', 'C0000015', 'George Schaller', 'Mastercard',  
'5843468846784568', '31/JAN/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000016', 'C0000016', 'Ullas Karanth', 'Mastercard',  
'2108871340655791', '31/AUG/2008');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000036', 'C0000016', 'Ullas Karanth', 'AExpress',  
'2581578442284799', '31/OCT/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000017', 'C0000017', 'Gopal Moghiya', 'AExpress',  
'9845523612457485', '31/AUG/2009');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000038', 'C0000017', 'Gopal Moghiya', 'Visa',  
'4081106110616897', '31/DEC/2009');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000018', 'C0000018', 'John S Gurney', 'AExpress',  
'3856104646832933', '28/FEB/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000019', 'C0000019', 'Ron Roy', 'Visa', '2947103419068483',  
'30/JUN/2009');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000020', 'C0000020', 'Ruth Rose', 'Mastercard',  
'7852731197543475', '31/MAR/2009');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000040', 'C0000020', 'Ruth Rose', 'Visa', '2423282469871568',  
'31/MAY/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000021', 'C0000021', 'Brian G Karas', 'AExpress',  
'9975348654288753', '31/JAN/2008');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000032', 'C0000021', 'Brian G Karas', 'Mastercard',  
'2584159335718527', '31/OCT/2008');
```

```
INSERT INTO Credit_card
```

```
VALUES ('CC000000000000022', 'C0000022', 'Ann Squire', 'Visa', '5260412073429752',  
'30/SEP/2009');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000023', 'C0000023', 'Eleanor Heady', 'Visa',  
'9385285221113840', '30/APR/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000024', 'C0000024', 'Steven Kellogg', 'Mastercard',  
'2020548229606003', '31/JUL/2008');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000025', 'C0000025', 'Emma Simpson', 'AExpress',  
'7215466426127832', '31/MAY/2005');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000026', 'C0000026', 'Barry Denenberg', 'Mastercard',  
'2371154557332784', '30/SEP/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000033', 'C0000026', 'Barry Denenberg', 'Visa',  
'5461456983197305', '31/AUG/2007');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000027', 'C0000027', 'Rachel Harris', 'Mastercard',  
'2302969118910721', '31/DEC/2005');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000037', 'C0000027', 'Rachel Harris', 'Visa',  
'2612041206181945', '31/OCT/2005');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000028', 'C0000028', 'Elizabeth Marshall', 'Visa',  
'5684561233576987', '30/NOV/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000029', 'C0000029', 'Jared Taylor', 'AExpress',  
'5687562145689327', '31/OCT/2006');
```

```
INSERT INTO Credit_card  
VALUES ('CC000000000000030', 'C0000030', 'Rachel Williams', 'Mastercard',  
'3784234567894689', '30/SEP/2006');
```

```
INSERT INTO Order1
```



```
INSERT INTO Employee
VALUES ('E00008', 'Milton', 'O', 'Bipp', 'Fulfillment');
```

```
INSERT INTO Employee
VALUES ('E00009', 'Harriet', 'V', 'Johnson', 'Fulfillment');
```

```
INSERT INTO Employee
VALUES ('E00010', 'Thelma', 'S', 'Watson', 'Fulfillment');
```

```
INSERT INTO Employee
VALUES ('E00011', 'Edgar', 'S', 'White', 'Manager');
```

```
INSERT INTO Employee
VALUES ('E00012', 'Cecila', 'M', 'Liddy', 'Call Center');
```

```
INSERT INTO Employee
VALUES ('E00013', 'Lucy', 'T', 'Vegas', 'Call Center');
```

```
INSERT INTO Employee
VALUES ('E00014', 'Sybil', 'R', 'Hyman', 'Call Center');
```

```
INSERT INTO Employee
VALUES ('E00015', 'Anna', 'R', 'Merri', 'Call Center');
```

```
INSERT INTO Employee
VALUES ('E00016', 'Scott', 'A', 'Rogers', 'Call Center');
```

```
INSERT INTO Employee
VALUES ('E00017', 'Hillary', 'J', 'Lincoln', 'Fulfillment');
```

```
INSERT INTO Employee
VALUES ('E00018', 'Chandar', 'L', 'Patel', 'Fulfillment');
```

```
INSERT INTO Employee
VALUES ('E00019', 'Mark', 'P', 'Fitzpatrick', 'Fulfillment');
```

```
INSERT INTO Employee
VALUES ('E00020', 'Manny', 'D', 'Esposito', 'Fulfillment');
```

```
INSERT INTO Call
VALUES ('X00000000000000000001', 'O0000000000000000000000003', 'E00014',
'14/JAN/2004', 'TIMESTAMP'2004-01-14 10:34:00.0', 'TIMESTAMP'2004-01-14
10:55:00.0', NULL, 021.00);
```

```
INSERT INTO Call
```

```
VALUES ('X0000000000000002', 'O00000000000000000000007', 'E00004',  
'06/MAR/2004', TIMESTAMP'2004-03-06 15:03:00.0', TIMESTAMP'2004-03-06  
15:08:00.0', 'Customer wanted to correct address but could not access online account',  
005.00);
```

```
INSERT INTO Call
```

```
VALUES ('X0000000000000003', 'O00000000000000000000011', 'E00016',  
'23/MAR/2004', TIMESTAMP'2004-03-23 16:12:00.0', TIMESTAMP'2004-03-23  
16:43:00.0', NULL, 031.00);
```

```
INSERT INTO Call
```

```
VALUES ('X0000000000000004', 'O00000000000000000000012', 'E00013',  
'01/MAY/2004', TIMESTAMP'2004-05-01 08:14:15.0', TIMESTAMP'2004-05-01  
08:17:00.0', NULL, 002.75);
```

```
INSERT INTO Call
```

```
VALUES ('X0000000000000005', 'O00000000000000000000015', 'E00015',  
'02/MAY/2004', TIMESTAMP'2004-05-02 09:56:00.0', TIMESTAMP'2004-05-02  
10:35:15.0', NULL, 039.25);
```

```
INSERT INTO Call
```

```
VALUES ('X0000000000000006', 'O00000000000000000000019', 'E00003',  
'05/JUL/2004', TIMESTAMP'2004-07-05 14:13:00.0', TIMESTAMP'2004-07-05  
14:24:45.0', NULL, 011.75);
```

```
INSERT INTO Call
```

```
VALUES ('X0000000000000007', 'O00000000000000000000021', 'E00003',  
'11/AUG/2004', TIMESTAMP'2004-08-11 13:57:00.0', TIMESTAMP'2004-08-11  
14:13:00.0', NULL, 016.00);
```

```
INSERT INTO Call
```

```
VALUES ('X0000000000000008', 'O00000000000000000000023', 'E00012',  
'11/AUG/2004', TIMESTAMP'2004-08-11 10:24:30.0', TIMESTAMP'2004-08-11  
10:30:30.0', NULL, 006.00);
```

```
INSERT INTO Call
```

```
VALUES ('X0000000000000009', 'O00000000000000000000029', 'E00014',  
'02/DEC/2004', TIMESTAMP'2004-12-02 11:35:00.0', TIMESTAMP'2004-12-02  
11:52:30.0', NULL, 017.50);
```

```
INSERT INTO Call
```

```
VALUES ('X0000000000000010', 'O00000000000000000000034', 'E00016',  
'03/DEC/2004', TIMESTAMP'2004-12-03 17:04:30.0', TIMESTAMP'2004-12-03  
17:34:30.0', NULL, 030.00);
```

```
INSERT INTO Call
```

```
VALUES ('X000000000000011', 'O00000000000000000000040', 'E00004',  
'17/DEC/2004', TIMESTAMP'2004-12-17 02:47:00.0', TIMESTAMP'2004-12-17  
03:03:00.0', NULL, 016.00);
```

```
INSERT INTO Call  
VALUES ('X000000000000012', 'O00000000000000000000038', 'E00003',  
'02/JAN/2005', TIMESTAMP'2005-01-02 05:12:45.0', TIMESTAMP'2005-01-02  
05:15:45.0', NULL, 003.00);
```

```
INSERT INTO Call  
VALUES ('X000000000000013', 'O00000000000000000000037', 'E00016',  
'03/JAN/2005', TIMESTAMP'2005-01-03 09:54:00.0', TIMESTAMP'2005-01-03  
10:20:45.0', NULL, 026.75);
```

```
INSERT INTO Call  
VALUES ('X000000000000014', 'O00000000000000000000043', 'E00014',  
'07/JAN/2005', TIMESTAMP'2005-01-07 11:56:15.0', TIMESTAMP'2005-01-07  
12:13:30.0', NULL, 017.25);
```

```
INSERT INTO Call  
VALUES ('X000000000000015', 'O00000000000000000000044', 'E00012',  
'02/JUL/2005', TIMESTAMP'2005-07-02 14:36:00.0', TIMESTAMP'2005-07-02  
14:45:00.0', NULL, 009.00);
```

```
INSERT INTO Call  
VALUES ('X000000000000016', 'O00000000000000000000045', 'E00012',  
'02/JUL/2005', TIMESTAMP'2005-07-02 12:24:15.0', TIMESTAMP'2005-07-02  
12:57:45.0', NULL, 033.50);
```

```
INSERT INTO Call  
VALUES ('X000000000000017', 'O00000000000000000000046', 'E00003',  
'03/JUL/2005', TIMESTAMP'2005-07-30 11:09:00.0', TIMESTAMP'2005-07-30  
11:33:00.0', NULL, 034.00);
```

```
INSERT INTO Call  
VALUES ('X000000000000018', 'O00000000000000000000047', 'E00004',  
'16/JUL/2005', TIMESTAMP'2005-07-16 08:58:15.0', TIMESTAMP'2005-07-16  
09:27:15.0', 'Customer had trouble setting up online account', 029.00);
```

```
INSERT INTO Call  
VALUES ('X000000000000019', 'O00000000000000000000048', 'E00012',  
'17/JUL/2005', TIMESTAMP'2005-07-17 07:59:45.0', TIMESTAMP'2005-07-17  
08:09:00.0', NULL, 009.25);
```

```
INSERT INTO Call
```

```
VALUES ('X000000000000020', 'O000000000000000000049', 'E00015',  
'04/DEC/2005', 'TIMESTAMP'2005-12-04 23:54:00.0', 'TIMESTAMP'2005-12-05  
00:07:30.0', NULL, 013.50);
```

```
INSERT INTO ships  
VALUES ('O000000000000000000001', 'E00006', '15/JAN/2004', '05/FEB/2004',  
'28/JAN/2004');
```

```
INSERT INTO ships  
VALUES ('O000000000000000000002', 'E00017', '16/JAN/2004', '06/FEB/2004',  
'30/JAN/2004');
```

```
INSERT INTO ships  
VALUES ('O000000000000000000003', 'E00020', '17/JAN/2004', '07/FEB/2004',  
'29/JAN/2004');
```

```
INSERT INTO ships  
VALUES ('O000000000000000000004', 'E00005', '26/JAN/2004', '16/FEB/2004',  
'10/FEB/2004');
```

```
INSERT INTO ships  
VALUES ('O000000000000000000005', 'E00006', '27/FEB/2004', '19/MAR/2004',  
'17/MAR/2004');
```

```
INSERT INTO ships  
VALUES ('O000000000000000000006', 'E00018', '05/MAR/2004', '26/MAR/2004',  
'22/MAR/2004');
```

```
INSERT INTO ships  
VALUES ('O000000000000000000007', 'E00019', '08/MAR/2004', '29/MAR/2004',  
'18/MAR/2004');
```

```
INSERT INTO ships  
VALUES ('O000000000000000000008', 'E00002', '23/MAR/2004', '13/APR/2004',  
'30/APR/2004');
```

```
INSERT INTO ships  
VALUES ('O000000000000000000009', 'E00001', '23/MAR/2004', '13/APR/2004',  
'02/APR/2004');
```

```
INSERT INTO ships  
VALUES ('O000000000000000000010', 'E00009', '24/MAR/2004', '14/APR/2004',  
'05/APR/2004');
```

```
INSERT INTO ships
```


INSERT INTO Supplier
VALUES ('S000001', 'Amazon', '1 Sequoia Blvd., Los Angeles, CA 90428', 8005513947,
'http://www.Amazon.com');

INSERT INTO Supplier
VALUES ('S000002', 'Alibris', '1250 45th Street, Emeryville, CA 94608', 8004073248,
'http://www.Alibris.com');

INSERT INTO Supplier
VALUES ('S000003', 'eBAY', '2145 Hamilton Ave., San Jose, CA 95125', 8005890277,
'http://www.Wiley.com');

INSERT INTO Supplier
VALUES ('S000004', 'Wiley', '5745 Amador Ave., Dallas, TX 75057', 8007890200,
'http://www.Wiley.com');

INSERT INTO Supplier
VALUES ('S000005', 'Harper Collins', '75 Trafalgar Square, London 5T6 R9I,
ENGLAND', 02083074000, 'http://www.harpercollins.co.uk/');

INSERT INTO Supplier
VALUES ('S000006', 'MacMillian', 'Brunel Road, Basingstoke Hampshire 6PW 4Y7,
ENGLAND', 01084887777, 'http://www.mcp.com/');

INSERT INTO Supplier
VALUES ('S000007', 'Elsevier', '8237 Market Street, Philadelphia, PA 19106',
8007809000, 'http://www.mkp.com');

INSERT INTO Supplier
VALUES ('S000008', 'New Society', 'P.O. Box 189, Gabriela Island, BC VOR1XO,
CANADA', 8000450870, 'http://www.newspociety.com');

INSERT INTO Supplier
VALUES ('S000009', 'Brill', '2222 Lidvik Road, Amersterdam 4567, NETHERLANDS',
8004508700, 'http://www.brill.nl');

INSERT INTO Supplier
VALUES ('S000010', 'Saxon', '6277 Sea Harbor Drive, Orlando, FL 78641', 8002847019,
'http://www.saxonpublishers.com');

INSERT INTO Book

VALUES ('B00000000000000000001', 'S000003', 'Ransom', 'Danielle Steel', '044024076X', '2004', 'Dell', 'Released convict comes home from prison after 4 years to confront wife, daughters and life.', 'English', 'Hardback', 'Romance', 25);

INSERT INTO Book

VALUES ('B00000000000000000002', 'S000001', 'Blue Dahlia', 'Nora Roberts', '051513855X', '2004', 'Jove', 'Three women meet at a crossroads in their lives, each searching for new ways to grow, and find in each other the courage to take chances and embrace the future', 'English', 'CD', 'Romance', 30);

INSERT INTO Book

VALUES ('B00000000000000000003', 'S000008', 'For Whom the Bell Tolls', 'Ernest Hemingway', '042724356X', '1939', 'Scribners', 'Major portions of novel is told through the thoughts of Robert Jordan. His inner monologes fascinate; clearly shows skill with language and character', 'English', 'Paperback', 'Classic', 40);

INSERT INTO Book

VALUES ('B00000000000000000004', 'S000009', 'Angels and Demons', 'Dan Brown', '0743486226', '2000', 'Atria', 'Harvard symbologists Robert Langdon is summoned to his first assignment to a Swiss research facility to analyze a mysterious symbol...', 'English', 'Hardback', 'Fiction', 20);

INSERT INTO Book

VALUES ('B00000000000000000005', 'S000010', 'Private Affairs', 'Judith Michael', '0671619683', '1986', 'Pocket Books', 'Matt and Elizabeth Lovell risked everything to build an empire of their own...', 'English', 'Paperback', 'Fiction', 20);

INSERT INTO Book

VALUES ('B00000000000000000006', 'S000010', 'The Great Gatsby', 'F. Scott Fitzgerald', '0782890532', '1923', 'Schribner', 'Nick Carraway, a young Midwesterner now living on Long Island, finds himself fascinated by the mysterious past and lavish lifestyle of his neighbor...', 'English', 'Paperback', 'Classic', 30);

INSERT INTO Book

VALUES ('B00000000000000000007', 'S000002', 'Double Fudge', 'Judy Blume', '0439450713', '2002', 'Scholastic', 'Life really spins out of control when Peter and his family meet their long-lost relatives...', 'English', 'Cassette', 'Childrens', 27);

INSERT INTO Book

VALUES ('B00000000000000000008', 'S000001', 'Nancy Drew Notebooks', 'Carolyn Keene', '0689854285', '2003', 'Aladdin', 'Nancy Drew tries to solve mystery of missing hat.', 'English', 'Paperback', 'Childrens', 48);

INSERT INTO Book

VALUES ('B00000000000000000009', 'S000005', 'The Witness', 'Sandra Brown', '0446603309', '1995', 'Warner', 'Kendall Deaton has stumbled upon the chilling secret of

the town, and her marriage to one of the most powerful men in town became a living hell.', 'English', 'CD', 'Fiction', 41);

INSERT INTO Book

VALUES ('B0000000000000000010', 'S000004', 'There is a Bat in Bunk Five', 'Paula Danziger', '0698116895', '1980', 'Putnum', 'Will this summer camp be one Marcy wants to remember or will she want to forget the whole thing?', 'English', 'Paperback', 'Childrens', 38);

INSERT INTO Book

VALUES ('B0000000000000000011', 'S000003', 'The JFK MYths', 'Larry Sturdivan', '1557788472', '2005', 'Paragon House', 'A scientific investigation of the John Kennedy assassination.', 'English', 'Hardback', 'Non-fiction', 22);

INSERT INTO Book

VALUES ('B0000000000000000012', 'S000006', 'Winesburg Ohio', 'Sherwood Anderson', '0456778990', '1919', 'Schribners', 'Close look at lives of characters who make-up American small town.', 'English', 'Hardback', 'Classic', 26);

INSERT INTO Book

VALUES ('B0000000000000000013', 'S000004', 'The Midwife', 'Gay Courter', '0456778990', '1981', 'New American Library', 'Woman fights savage religious prejudice to gain medical training in MOscow and work in New York.', 'English', 'Paperback', 'Fiction', 20);

INSERT INTO Book

VALUES ('B0000000000000000014', 'S000001', 'Elvis and Me', 'Priscilla Presley', '0788123462', '2001', 'Ballantine', 'The wife of Elvis describes ups and downs of tumultous marriage.', 'English', 'CD', 'Non-fiction', 30);

INSERT INTO Book

VALUES ('B0000000000000000015', 'S000003', 'Pride and Prejudice', 'Jane Austen', '0987324551', '2005', 'Navajo', 'The lives of five sisters are turned upside down when a wealthy young man and his best friend arrive in their neighborhood.', 'English', 'Paperback', 'Classic', 40);

INSERT INTO Book

VALUES ('B0000000000000000016', 'S000006', 'The Secret Life of Goldfish', 'Holden Caulfield', '0877767779', '1950', 'Schribners', 'Simply the worst book ever written, and proud of it.', 'English', 'Hardback', 'Fiction', 10);

INSERT INTO Book

VALUES ('B0000000000000000017', 'S000002', 'Huckleberry Finn', 'Mark Twain', '0999876547', '1998', 'Paradigm', 'Runaway boy in 19th century goes down Mississippi River on a raft and discovers world and himself.', 'English', 'Paperback', 'Classic', 45);

INSERT INTO Book

VALUES ('B00000000000000000018', 'S000004', 'The Red Badge of Courage', 'Stephan Crane', '0678998978', '1999', 'Whitman and Forrester', 'The courage of a young civil war soldier is tested in battle.', 'English', 'Paperback', 'Classic', 27);

INSERT INTO Book

VALUES ('B00000000000000000019', 'S000001', 'The Talisman', 'Stephen King', '0876893488', '1985', 'Avon', 'A young boy goes from one magical world to another and befriends a mystical creature.', 'English', 'Paperback', 'Horror', 49);

INSERT INTO Book

VALUES ('B00000000000000000020', 'S000002', 'The Hunt for Red October', 'Tom Clancey', '0874989868', '1990', 'Simon and Schuster', 'In 1984, the best submarine captain of the USSR in their newest sub violates orders and head for the USA.', 'English', 'Hardback', 'Suspense', 46);

INSERT INTO Book

VALUES ('B00000000000000000021', 'S000003', 'The Pelican Brief', 'John Grisham', '0987897870', '2000', 'York and Tide', 'A law student uncovers a conspiracy, putting herself and others in danger.', 'English', 'Paperback', 'Suspense', 42);

INSERT INTO Book

VALUES ('B00000000000000000022', 'S000007', 'Cider House Rules', 'John Irving', '0987908767', '1998', 'Jacksonhouse', 'A compassionate young man, raised in an orphanage and trained to be a doctor there, decides to leave to see the world.', 'English', 'Paperback', 'Fiction', 38);

INSERT INTO Book

VALUES ('B00000000000000000023', 'S000006', 'Hollywood Wives', 'Jackie Collins', '0765976542', '1997', 'Anderson and Smith', 'A group of very wealthy, attractive, snobbish women are caught up in the low life and high society of Hollywood.', 'English', 'Paperback', 'Fiction', 32);

INSERT INTO Book

VALUES ('B00000000000000000024', 'S000001', 'Death of a President', 'William Manchester', '0786456784', '1964', 'Simon and Schuster', 'Journalistic descripton of assassination of JFK.', 'English', 'Hardback', 'Non-fiction', 28);

INSERT INTO Book

VALUES ('B00000000000000000025', 'S000002', 'The Ring', 'Danielle Steel', '0678948783', '2002', 'New York Publishing', 'Historical love story, 1800s America, romance and betrayal.', 'English', 'CD', 'Fiction', 45);

INSERT INTO Book

VALUES ('B00000000000000000026', 'S000003', 'The Illustrated Man', 'Ray Bradbury', '0345945935', '1968', 'Hollister and Jackson', 'A man, whose body is almost completely

covered in tattoos, is looking for the woman who drew all the intricate designs on him.', 'English', 'Paperback', 'Fiction', 39);

INSERT INTO Book

VALUES ('B0000000000000000027', 'S000007', 'The Notebook', 'Nicolas Sparks', '0893378832', '2004', 'Pennsylvania Publishing', 'Young lovers Allie Hamilton and Noah Calhous, meet one evening at a carnival and fall in love.', 'English', 'Hardback', 'Fiction', 36);

INSERT INTO Book

VALUES ('B0000000000000000028', 'S000001', 'Alice in Wonderland', 'Lewis Carroll', '1234567449', '1995', 'Newark Publishing', 'The adventure of a young girl in an imaginary land.', 'English', 'Paperback', 'Classic', 33);

INSERT INTO Book

VALUES ('B0000000000000000029', 'S000005', 'The History of the United States', 'Charles Beardley', '1456783330', '1980', 'Princeton Press', 'Story of U.S. from earliest colonial days to modern times.', 'English', 'Hardback', 'Non-fiction', 27);

INSERT INTO Book

VALUES ('B0000000000000000030', 'S000008', 'The Art of the Deal', 'Donald Trump', '0348908882', '1992', 'Random House', 'How to make lots of money and still look honest.', 'English', 'Cassette', 'Non-fiction', 26);

INSERT INTO Book

VALUES ('B0000000000000000031', 'S000002', 'Dirty Old Man', 'Charles Bukowski', '1236945439', '1987', 'City Lights', 'Crazy, alcoholic, sex-filled romp by L.A. down-and-outer.', 'English', 'Paperback', 'Fiction', 34);

INSERT INTO Book

VALUES ('B0000000000000000032', 'S000008', 'A Walk to Remember', 'Nicolas Sparks', '1343545662', '2000', 'Empire', 'Love story set in the 1960s and troubled teen...', 'English', 'Paperback', 'Fiction', 28);

INSERT INTO Book

VALUES ('B0000000000000000033', 'S000003', 'Lord of the Rings', 'J.R.R. Tolkien', '0242544683', '1962', 'Ballantine', 'High adventure. Quest for ring through magical universe.', 'English', 'CD', 'Fiction', 25);

INSERT INTO Book

VALUES ('B0000000000000000034', 'S000010', 'The Naked Ape', 'Desmond Morris', '1343644564', '1968', 'Pocketbooks', 'Evolution of man as a social creature.', 'English', 'Paperback', 'Non-fiction', 35);

INSERT INTO Book

VALUES ('B00000000000000000035', 'S000002', 'Astronomy', 'Fred Hoyle', '1347855672', '1961', 'Clinton Press', 'Everything in the universe known to Fred.', 'English', 'Paperback', 'Non-fiction', 32);

INSERT INTO Book

VALUES ('B00000000000000000036', 'S000010', 'Hamlet', 'William Shakespeare', '1343673430', '1993', 'Oxford', 'Indecisive young man needs to avenge the death of his father.', 'English', 'Paperback', 'Classic', 47);

INSERT INTO Book

VALUES ('B00000000000000000037', 'S000003', 'The Canterbury Tales', 'Jeoffrey Chaucer', '1434344366', '1999', 'Random House', 'Group of medievil travellers swap stories.', 'English', 'Paperback', 'Classic', 22);

INSERT INTO Book

VALUES ('B00000000000000000038', 'S000003', 'Dazzle the Dinosaur', 'Marcus Pfister', '1558583378', '1987', 'Noble House', 'Baby dinosaur finds original nesting spot for fellow dinosaurs.', 'English', 'Hardback', 'Childrens', 20);

INSERT INTO Book

VALUES ('B00000000000000000039', 'S000001', 'Guess How Much I Love You', 'Sam McBratney', '1564024733', '1999', 'Ballantine', 'Father rabbit shows his love for his baby rabbit.', 'English', 'Hardback', 'Childrens', 18);

INSERT INTO Book

VALUES ('B00000000000000000040', 'S000008', 'Gone With the Wind', 'Margaret Mitchell', '0125535349', '1939', 'Random House', 'American classic in which a manipulative woman and roguish man carry on a turbulent love affair in the American south during the Civil War and Reconstruction.', 'English', 'Hardback', 'Fiction', 35);

INSERT INTO Book

VALUES ('B00000000000000000041', 'S000002', 'The Catcher in the Rye', 'J.D. Salinger', '0453356789', '1957', 'Harper and Collins', 'A young man drops-out of school and wanders through New York city in search of self.', 'English', 'Paperback', 'Fiction', 27);

INSERT INTO Book

VALUES ('B00000000000000000042', 'S000001', 'The Sun Also Rises', 'Ernest Hemmingway', '0784987868', '1926', 'Schribner', 'American ex-patriot in Paris wounded from World War I falls in love with woman he cannot have.', 'English', 'Hardback', 'Classic', 49);

INSERT INTO Book

VALUES ('B00000000000000000043', 'S000007', 'Meet My Friends', 'Tricia Boczkowski', '0689851820', '2004', 'Nickolodean Publishing', 'More adventures of Spongebob Squarepants and his friends at the bottom of the sea.', 'English', 'Hardback', 'Childrens', 30);


```
INSERT INTO cancels
VALUES ('O00000000000000000000040', 'E00004', '17/DEC/2004', 'changed mind');

INSERT INTO cancels
VALUES ('O00000000000000000000045', 'E00012', '02/JUL/2005', 'changed mind');

INSERT INTO cancels
VALUES ('O00000000000000000000046', 'E00003', '03/JUL/2005', 'found better price');

INSERT INTO returns1
VALUES ('O00000000000000000000017', 'E00012', '05/JUN/2004', 'found better price');

INSERT INTO returns1
VALUES ('O00000000000000000000019', 'E00003', '05/JUL/2004', 'other');

INSERT INTO returns1
VALUES ('O00000000000000000000029', 'E00014', '02/DEC/2004', 'found better
price');

INSERT INTO returns1
VALUES ('O00000000000000000000037', 'E00016', '03/JAN/2005', 'gift return');

INSERT INTO returns1
VALUES ('O00000000000000000000044', 'E00012', '02/JUL/2005', 'gift return');

INSERT INTO order_item
VALUES ('I000000000000000000000000000001', 'O00000000000000000000001',
'B000000000000000000000013', 2, 0008.99);

INSERT INTO order_item
VALUES ('I000000000000000000000000000002', 'O00000000000000000000001',
'B000000000000000000000035', 1, 0008.99);

INSERT INTO order_item
VALUES ('I000000000000000000000000000003', 'O00000000000000000000002',
'B000000000000000000000047', 1, 0034.95);

INSERT INTO order_item
VALUES ('I000000000000000000000000000004', 'O00000000000000000000003',
'B000000000000000000000004', 3, 0025.49);

INSERT INTO order_item
VALUES ('I000000000000000000000000000005', 'O00000000000000000000004',
'B000000000000000000000050', 1, 0026.95);
```

```
INSERT INTO order_item
VALUES ('I00000000000000000000000000000006', 'O0000000000000000000000005',
'B000000000000000000000007', 1, 0019.99);
```

```
INSERT INTO order_item
VALUES ('I00000000000000000000000000000007', 'O0000000000000000000000005',
'B000000000000000000000023', 1, 0008.99);
```

```
INSERT INTO order_item
VALUES ('I00000000000000000000000000000008', 'O0000000000000000000000005',
'B000000000000000000000011', 1, 0027.99);
```

```
INSERT INTO order_item
VALUES ('I00000000000000000000000000000009', 'O0000000000000000000000006',
'B000000000000000000000046', 2, 0010.95);
```

```
INSERT INTO order_item
VALUES ('I00000000000000000000000000000010', 'O0000000000000000000000007',
'B000000000000000000000030', 5, 0028.99);
```

```
INSERT INTO order_item
VALUES ('I00000000000000000000000000000011', 'O0000000000000000000000008',
'B000000000000000000000006', 2, 0006.99);
```

```
INSERT INTO order_item
VALUES ('I00000000000000000000000000000012', 'O0000000000000000000000009',
'B000000000000000000000027', 1, 0017.99);
```

```
INSERT INTO order_item
VALUES ('I00000000000000000000000000000013', 'O0000000000000000000000010',
'B000000000000000000000016', 4, 0023.49);
```

```
INSERT INTO order_item
VALUES ('I00000000000000000000000000000014', 'O0000000000000000000000011',
'B000000000000000000000049', 6, 0026.95);
```

```
INSERT INTO order_item
VALUES ('I00000000000000000000000000000015', 'O0000000000000000000000012',
'B000000000000000000000008', 1, 0005.99);
```

```
INSERT INTO order_item
VALUES ('I00000000000000000000000000000016', 'O0000000000000000000000012',
'B000000000000000000000036', 2, 0007.99);
```

```
INSERT INTO order_item
```



```
INSERT INTO order_item
VALUES ('I0000000000000000000000000000052', 'O0000000000000000000000040',
'B000000000000000000000006', 1, 0006.99);
```

```
INSERT INTO order_item
VALUES ('I0000000000000000000000000000053', 'O0000000000000000000000041',
'B0000000000000000000000028', 2, 0007.99);
```

```
INSERT INTO order_item
VALUES ('I0000000000000000000000000000054', 'O0000000000000000000000042',
'B0000000000000000000000013', 1, 0008.99);
```

```
INSERT INTO order_item
VALUES ('I0000000000000000000000000000055', 'O0000000000000000000000042',
'B0000000000000000000000017', 2, 0007.99);
```

```
INSERT INTO order_item
VALUES ('I0000000000000000000000000000056', 'O0000000000000000000000043',
'B0000000000000000000000046', 1, 0010.95);
```

```
INSERT INTO order_item
VALUES ('I0000000000000000000000000000057', 'O0000000000000000000000043',
'B0000000000000000000000045', 1, 0011.49);
```

```
INSERT INTO order_item
VALUES ('I0000000000000000000000000000058', 'O0000000000000000000000044',
'B0000000000000000000000008', 4, 0005.99);
```

```
INSERT INTO order_item
VALUES ('I0000000000000000000000000000059', 'O0000000000000000000000044',
'B0000000000000000000000025', 2, 0029.99);
```

```
INSERT INTO order_item
VALUES ('I0000000000000000000000000000060', 'O0000000000000000000000044',
'B0000000000000000000000002', 1, 0029.70);
```

```
INSERT INTO order_item
VALUES ('I0000000000000000000000000000061', 'O0000000000000000000000045',
'B0000000000000000000000004', 2, 0025.49);
```

```
INSERT INTO order_item
VALUES ('I0000000000000000000000000000062', 'O0000000000000000000000046',
'B0000000000000000000000018', 12, 0007.99);
```

```
INSERT INTO order_item
```


INSERT INTO Review
VALUES ('B0000000000000000020', 'Gripping; Constant Tension', 4, '12/APR/2004');

INSERT INTO Review
VALUES ('B0000000000000000003', 'War adventure turned into love story. Very good', 4, '17/MAR/2004');

INSERT INTO Review
VALUES ('B0000000000000000022', 'Oringinal; Sad, yet heroic.', 5, '21/JUL/2005');

INSERT INTO Review
VALUES ('B0000000000000000026', 'Quirky, somewhat eerie and unusual.', 3, '23/AUG/2005');

INSERT INTO Review
VALUES ('B0000000000000000021', 'Mystery; Builds to interesting climax.', 3, '08/DEC/2005');

INSERT INTO Review
VALUES ('B0000000000000000027', 'Love story all the way! Heartfelt and original.', 3, '14/JAN/2005');

INSERT INTO Review
VALUES ('B0000000000000000036', 'Ageless classic of revenge. A must read.', 5, '13/MAY/2004');

INSERT INTO Review
VALUES ('B0000000000000000040', 'Love and war; Unforgettable characters. Excellent.', 5, '16/OCT/2004');

INSERT INTO Review
VALUES ('B0000000000000000028', 'Fantasy, but holds attention and is entertaining.', 4, '23/DEC/2004');

INSERT INTO Review
VALUES ('B0000000000000000023', 'Dull, unless you are one of them.', 2, '14/FEB/2004');

INSERT INTO Review
VALUES ('B0000000000000000015', 'Human and timeless; Good read.', 5, '18/APR/2005');

INSERT INTO Review
VALUES ('B0000000000000000044', 'Bit wierd like usual, but somewhat confusing.', 3, '22/JUN/2005');

```
INSERT INTO Review
VALUES ('B0000000000000000006', 'Fascinating story of eccentric who longs for love
of his life.', 5, '17/MAR/2004');
```

```
INSERT INTO Review
VALUES ('B0000000000000000014', 'Ho-hum tale: Are we really interested?', 2,
'17/NOV/2005');
```

```
INSERT INTO Review
VALUES ('B0000000000000000033', 'Intriguing adventure: Classic tale.', 3,
'31/MAR/2004');
```

```
INSERT INTO Supply_order
VALUES ('SO00000001', 'E00001', '26/APR/2005', '06/APR/2005', '28/MAR/2005');
```

```
INSERT INTO Supply_order
VALUES ('SO00000002', 'E00005', '26/APR/2005', '06/APR/2005', '28/MAR/2005');
```

```
INSERT INTO Supply_order
VALUES ('SO00000003', 'E00005', '26/APR/2005', '06/APR/2005', '29/MAR/2005');
```

```
INSERT INTO Supply_order
VALUES ('SO00000004', 'E00019', '15/MAY/2005', '01/MAY/2005', '29/APR/2005');
```

```
INSERT INTO Supply_order
VALUES ('SO00000005', 'E00009', '15/MAY/2005', '01/MAY/2005', '29/APR/2005');
```

```
INSERT INTO Supply_order
VALUES ('SO00000006', 'E00017', '17/JUN/2005', '10/JUN/2005', '09/JUN/2005');
```

```
INSERT INTO Supply_order
VALUES ('SO00000007', 'E00017', '04/SEP/2005', '16/AUG/2005', '31/JUL/2005');
```

```
INSERT INTO Supply_order
VALUES ('SO00000008', 'E00018', '04/SEP/2005', '16/AUG/2005', '03/AUG/2005');
```

```
INSERT INTO Supply_order
VALUES ('SO00000009', 'E00002', '01/OCT/2005', '14/SEP/2005', '11/SEP/2005');
```

```
INSERT INTO Supply_order
VALUES ('SO00000010', 'E00006', '01/OCT/2005', '14/SEP/2005', '11/SEP/2005');
```

```
INSERT INTO Supply_order (Supply_order_ID, Employee_ID, Report_gen_date,
Supply_order_date)
VALUES ('SO00000011', 'E00008', '28/NOV/2005', '25/NOV/2005');
```

```
INSERT INTO Supply_order (Supply_order_ID, Employee_ID, Report_gen_date,  
Supply_order_date)  
VALUES ('SO00000012', 'E00001', '28/NOV/2005', '25/NOV/2005');
```

```
INSERT INTO Supply_order (Supply_order_ID, Employee_ID, Report_gen_date,  
Supply_order_date)  
VALUES ('SO00000013', 'E00020', '28/NOV/2005', '26/NOV/2005');
```

```
INSERT INTO Supply_order (Supply_order_ID, Employee_ID, Supply_order_date)  
VALUES ('SO00000014', 'E00019', '29/NOV/2005');
```

```
INSERT INTO Supply_order (Supply_order_ID, Employee_ID, Supply_order_date)  
VALUES ('SO00000015', 'E00019', '01/DEC/2005');
```

```
INSERT INTO Supply_order (Supply_order_ID, Employee_ID, Supply_order_date)  
VALUES ('SO00000016', 'E00006', '01/DEC/2005');
```

```
INSERT INTO Supply_order (Supply_order_ID, Employee_ID, Supply_order_date)  
VALUES ('SO00000017', 'E00001', '02/DEC/2005');
```

```
INSERT INTO Supply_order (Supply_order_ID, Employee_ID, Supply_order_date)  
VALUES ('SO00000018', 'E00010', '03/DEC/2005');
```

```
INSERT INTO Supply_order (Supply_order_ID, Employee_ID, Supply_order_date)  
VALUES ('SO00000019', 'E00005', '03/DEC/2005');
```

```
INSERT INTO Supply_order (Supply_order_ID, Employee_ID, Supply_order_date)  
VALUES ('SO00000020', 'E00017', '05/DEC/2005');
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000001', 'B000000000000000000023', 50);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000001', 'B000000000000000000016', 25);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000002', 'B000000000000000000048', 60);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000003', 'B000000000000000000035', 30);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000003', 'B000000000000000000026', 30);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000003', 'B0000000000000000007', 20);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000004', 'B0000000000000000003', 50);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000005', 'B0000000000000000034', 80);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000006', 'B0000000000000000031', 35);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000006', 'B0000000000000000006', 35);
```

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INSERT INTO is_a_request_for  
VALUES ('SO00000007', 'B0000000000000000001', 70);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000008', 'B0000000000000000039', 50);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000009', 'B0000000000000000041', 45);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000009', 'B0000000000000000023', 20);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000010', 'B0000000000000000047', 80);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000011', 'B0000000000000000033', 10);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000011', 'B0000000000000000014', 20);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000012', 'B0000000000000000013', 50);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000013', 'B0000000000000000011', 70);
```

```
INSERT INTO is_a_request_for  
VALUES ('SO00000014', 'B0000000000000000050', 100);
```

```
INSERT INTO is_a_request_for
```

```
VALUES ('SO00000015', 'B00000000000000000006', 65);
```

```
INSERT INTO is_a_request_for
VALUES ('SO00000016', 'B00000000000000000022', 30);
```

```
INSERT INTO is_a_request_for
VALUES ('SO00000017', 'B00000000000000000043', 45);
```

```
INSERT INTO is_a_request_for
VALUES ('SO00000018', 'B00000000000000000030', 50);
```

```
INSERT INTO is_a_request_for
VALUES ('SO00000019', 'B00000000000000000047', 25);
```

```
INSERT INTO is_a_request_for
VALUES ('SO00000020', 'B00000000000000000042', 80);
```

Query Code

Data Modification Code

```
UPDATE Call
SET Employee_ID = (SELECT Employee_ID
                   FROM Employee
                   WHERE Job_function = 'Manager')
WHERE Employee_ID = (SELECT Employee_ID
                    FROM Employee
                    WHERE Emp_FName = 'Cecila' AND
                          Emp_MName = 'M' AND
                          Emp_LName = 'Liddy');
```

```
UPDATE cancels
SET Employee_ID = (SELECT Employee_ID
                   FROM Employee
                   WHERE Job_function = 'Manager')
WHERE Employee_ID = (SELECT Employee_ID
                    FROM Employee
                    WHERE Emp_FName = 'Cecila' AND
                          Emp_MName = 'M' AND
                          Emp_LName = 'Liddy');
```

```
UPDATE returns1
SET Employee_ID = (SELECT Employee_ID
```

```

        FROM Employee
        WHERE Job_function = 'Manager')
WHERE    Employee_ID =      (SELECT Employee_ID
        FROM Employee
        WHERE      Emp_FName = 'Cecila' AND
        Emp_MName = 'M' AND
        Emp_LName = 'Liddy');

```

```

DELETE FROM Employee
WHERE    Emp_FName = 'Cecila' AND
        Emp_MName = 'M' AND
        Emp_LName = 'Liddy';

```

```

UPDATE    Price
SET    Price_end_date = '30/NOV/2005'
WHERE    Book_ID =      (SELECT Book_ID
        FROM Book
        WHERE Title = 'The Canterbury Tales') AND
        Price_end_date IS NULL;

```

```

INSERT INTO Price
VALUES ('P000000000000000000000000000068', (SELECT Book_ID
        FROM Book
        WHERE Title = 'The Canterbury Tales'),
0006.99, '01/DEC/2005', NULL);

```

Code Results

SQL*Plus: Release 9.2.0.1.0 - Production on Sun Dec 11 14:40:44 2005

Copyright (c) 1982, 2002, Oracle Corporation. All rights reserved.

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ST ORDER_TOTAL

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DE 121.13

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FL 150.94

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4 rows selected.

SUPPLIER_NAME	QUANTITY_SOLD
Alibris	17
Amazon	15
Brill	7
Elsevier	15
Harper Collins	4
MacMillian	11
New Society	10
Saxon	19
Wiley	25
eBAY	25

10 rows selected.

GENRE	SUM(QUANTITY)
Childrens	25
Classic	37
Fiction	31
Horror	2
Non-fiction	41
Religion	1
Romance	2
Suspense	9

8 rows selected.

AMOUNT_OF_RETURNED_ITEMS

171.05

1 row selected.

TITLE

For Whom the Bell Tolls

1 row selected.

BOOKS_WITH_LOW_REVIEWS
RATING

Elvis and Me
2
Hollywood Wives
2
The Pelican Brief
3
The Illustrated Man
3
The Notebook
3

Lord of the Rings

3

The Stand

3

7 rows selected.

SUPPLIER_NAME	ORDERED_QUANTITY
Amazon	210
Saxon	180
eBAY	180
Wiley	150
Alibris	130
Harper Collins	105
New Society	100
MacMillian	95
Elsevier	75

9 rows selected.

TITLE

PRICE

Holy Bible

34.95

The Ring

29.99

Blue Dahlia

29.7

The Art of the Deal

28.99

The JFK MYths

27.99

Gone With the Wind

27.49

Men are From Mars, Women are From Venus

26.95

Elvis and Me

26.49

Lord of the Rings

26.49

Death of a President

25.69

Angels and Demons

25.49

Ransom

24.99

Dazzle the Dinosaur

24.95

The Secret Life of Goldfish

23.49

The Witness

22.99

The Physics of Immortality

22.95

The History of the United States

21.99

The Hunt for Red October

21.99

Double Fudge

19.99

Winesburg Ohio

18.49

The Notebook

17.99

Guess How Much I Love You

11.99

I Wish That I Had Duck Feet

11.49

Meet My Friends

10.99

Ketchup on Your Corn-flakes?

10.95

Cider House Rules

9.99

The Midwife

8.99

Hollywood Wives

8.99

For Whom the Bell Tolls

8.99

Private Affairs

7.99

The Red Badge of Courage

7.99

Alice in Wonderland

7.99

Pride and Prejudice
7.99
The Talisman
7.99
Dirty Old Man
7.99
Hamlet
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The Canterbury Tales
7.99
Astronomy
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Number
7.99
A Walk to Remember
7.49
The Great Gatsby
6.99
The Pelican Brief
6.99
The Catcher in the Rye
6.99
The Naked Ape
6.99
Huckleberry Finn
6.99
The Illustrated Man
6.99
The Stand
6.49

The Sun Also Rises
 6.49
 Nancy Drew Notebooks
 5.99
 There is a Bat in Bunk Five
 4.95

50 rows selected.

CUST_FNAME COUNT(ORDER_ID)	CUST_MNAME	CUST_LNAME	
Catherine	Z	Jones	1

1 row selected.

CUST_FNAME LINE_1 LINE_3	CUST_MNAME	LINE_2 CITY	CUST_LNAME ST ZIP_CODE
Lisa	N	Lohan	2811 Brodhead Road
Aaron	Ga 30450		
Lisa	N	Lohan	1150 Lake Hearn Drive
Ste 130 Atlanta	Ga 30342		

Lisa
Atlanta

N
Ga 30315

Lohan

755 Hank Aaron Dr SW

3 rows selected.

TITLES_RETURNED
RETURNED_QUANTITY

The Physics of Immortality
2
Double Fudge
1

2 rows selected.

ST NUMBER_OF_CUSTOMERS

PA 3

1 row selected.

4 rows updated.

2 rows updated.

2 rows updated.

1 row deleted.

1 row updated.

1 row created.