

Lab 5 - Final Demonstration (SQL Query Solutions)

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SQL DDL Commands for Table Creation

Relation	Creation Query	Insertion Query Example
BOOKSTORE	CREATE TABLE BOOKSTORE (ID CHAR(3) PRIMARY KEY (ID));	<pre>INSERT INTO BOOKSTORE VALUES ('B01'); INSERT INTO BOOKSTORE VALUES ('B02');</pre>
CUSTOMERS	CREATE TABLE CUSTOMERS (CID CHAR(3), Name VARCHAR(50), PRIMARY KEY (CID));	<pre>INSERT INTO CUSTOMERS VALUES('C01', 'Sarah Lim Xi Liu'); INSERT INTO CUSTOMERS VALUES('C01', 'Mohammad Ali');</pre>
PUBLICATION	CREATE TABLE PUBLICATION (PubID CHAR(3), Publisher VARCHAR(50), Year INT, PRIMARY KEY (PubID));	<pre>INSERT INTO PUBLICATION VALUES('P01', 'Penguin', 2010); INSERT INTO PUBLICATION VALUES('P02', 'Oxford', 2000);</pre>
BOOKS	CREATE TABLE BOOKS (PubID CHAR(3), Title VARCHAR(100), PRIMARY KEY (PubID), FOREIGN KEY(PubID) REFERENCES PUBLICATION(PubID));	<pre>INSERT INTO BOOKS VALUES('P01', 'Frankenstein'); INSERT INTO BOOKS VALUES('P02', 'The Selfish Gene');</pre>
MAGAZINES	CREATE TABLE MAGAZINES (PubID CHAR(3), Issue INT, Title VARCHAR(100), PRIMARY KEY (PubID), FOREIGN KEY(PubID) REFERENCES PUBLICATION(PubID)	<pre>INSERT INTO MAGAZINES VALUES('P11', 1, 'Readers' Digest'); INSERT INTO MAGAZINES VALUES('P12', 2, 'Getting into Oxford');</pre>

```
);
ORDERS2
                CREATE TABLE ORDERS2 (
                                                   INSERT INTO ORDERS2
                                                   VALUES('001', '2022-08-05',
                    OrderID CHAR(3),
                    Date time DATE NOT NULL,
                                                    'Jurong west st 52, 640536',
                     Shipping address
                                                    'C05');
                VARCHAR(100) NOT NULL,
                    CID CHAR(3) NOT NULL,
                                                   INSERT INTO ORDERS2
                     PRIMARY KEY (OrderID),
                                                   VALUES('002', '2022-08-07',
                                                   '50 Nanyang Ave, 639798',
                    UNIQUE (CID, Date_time),
                     FOREIGN KEY(CID) REFERENCES
                                                   'C03');
                CUSTOMERS(CID)
                 );
EMPLOYEES
                CREATE TABLE EMPLOYEES (
                                                   INSERT INTO EMPLOYEES
                     EID CHAR(3),
                                                   VALUES('E01', 'Tom
                    Name VARCHAR(50),
                                                   Dickinson', 42000.0);
                    Salary DECIMAL(10,2),
                    PRIMARY KEY (EID)
                                                   INSERT INTO EMPLOYEES
                                                   VALUES('E02', 'Dick Harry',
                 );
                                                   69000.0);
COMPLAINTS
                CREATE TABLE COMPLAINTS (
                                                   INSERT INTO COMPLAINTS
                    ID CHAR(3),
                                                   VALUES ('Z01', 'Most
                                                   unaesthetic bookstore out
                    Text TEXT,
                     Filed date time DATE NOT
                                                   there!', '2022-09-10',
                                                    'E03', '2022-09-11', 'C01');
                NULL,
                     EID CHAR(3) NULL,
                                                   INSERT INTO COMPLAINTS
                    Handled date time DATE NULL,
                    CID CHAR(3),
                                                   VALUES ('Z02', 'Book
                    PRIMARY KEY (ID),
                                                   delivery took too long',
                                                   '2022-09-15', 'E04',
                    UNIQUE (CID,
                                                   '2022-09-16', 'C02');
                Filed_date_time),
                    UNIQUE (EID,
                Handled_date_time),
                     FOREIGN KEY(CID) REFERENCES
                CUSTOMERS(CID),
                     FOREIGN KEY(EID) REFERENCES
                 EMPLOYEES(EID)
                 );
```

COMPLAINTS_ON _BOOKSTORE	CREATE TABLE COMPLAINTS_ON_BOOKSTORE (INSERT INTO COMPLAINTS_ON_BOOKSTORE VALUES ('Z01', 'B01'); INSERT INTO COMPLAINTS_ON_BOOKSTORE VALUES ('Z03', 'B02');
COMPLAINTS_ON _ORDERS	CREATE TABLE COMPLAINTS_ON_ORDERS (<pre>INSERT INTO COMPLAINTS_ON_ORDERS VALUES ('Z01', '001'); INSERT INTO COMPLAINTS_ON_ORDERS VALUES ('Z02', '002');</pre>
STOCKS_IN_BOO KSTORE	CREATE TABLE STOCKS_IN_BOOKSTORE (Stock_ID CHAR(3), BookstoreID CHAR(3) NOT NULL, PubID CHAR(3) NOT NULL, Stock_price DECIMAL(10,2), Stock_qty INT NOT NULL, PRIMARY KEY (Stock_ID), UNIQUE (BookstoreID, PubID), FOREIGN KEY (BookstoreID) REFERENCES BOOKSTORE(ID), FOREIGN KEY (PubID) REFERENCES PUBLICATION(PubID));	INSERT INTO STOCKS_IN_BOOKSTORE VALUES('S01', 'B01', 'P07', 69.99, 42); INSERT INTO STOCKS_IN_BOOKSTORE VALUES('S03', 'B02', 'P03', 42.99, 30);
PRICE_HISTORY	CREATE TABLE PRICE_HISTORY (Stock_ID CHAR(3), Price DECIMAL(10,2) NOT NULL,	INSERT INTO PRICE_HISTORY VALUES('S01', 80.99, '2021-01-01', '2022-08-01');

```
Start date DATE NOT NULL,
                   End date DATE,
                                                    INSERT INTO PRICE HISTORY
                   PRIMARY KEY (Stock ID,
                                                    VALUES('S01', 74.99,
                Start date),
                                                    '2022-08-01', '2022-08-03');
                  UNIQUE (Stock ID, End date),
                   FOREIGN KEY (Stock_ID)
                REFERENCES
                 STOCKS IN BOOKSTORE(Stock ID),
                   CONSTRAINT chk_date CHECK
                (End date >= Start date OR
                 End date IS NULL)
                 );
COMPLAINT STA
                CREATE TABLE COMPLAINT STATUS (
                                                    INSERT INTO COMPLAINT STATUS
TUS
                   Complaint ID CHAR(3),
                                                    VALUES
                                                    ('Z01', '2022-09-10
                  Date DATETIME NOT NULL,
                                                    10:50:09', 'Being
                   State VARCHAR(50) NOT NULL,
                   PRIMARY KEY (Complaint ID,
                                                    processed');
                Date),
                   FOREIGN KEY (Complaint ID)
                                                    INSERT INTO COMPLAINT STATUS
                 REFERENCES COMPLAINTS(ID)
                                                    VALUES ('Z01', '2022-09-11
                                                    00:00:00', 'Addressed');
                 );
                CREATE TABLE ITEMS IN ORDERS 1 (
                                                    INSERT INTO
ITEMS IN ORDE
RS 1
                   ItemID CHAR(3),
                                                    ITEMS IN ORDERS 1
                                                   VALUES ('001', '2022-06-01',
                   StockID CHAR(3) NOT NULL,
                                                    'Jurong west st 52, 640536',
                   ItemPrice DECIMAL(10,2) NOT
                NULL,
                                                    'C05');
                   ItemOty INT NOT NULL,
                   DeliveryDate DATE NOT NULL,
                                                    INSERT INTO
                   OrderID CHAR(3) NOT NULL,
                                                    ITEMS IN ORDERS 1
                                                    VALUES ('002', '2022-06-01',
                  PRIMARY KEY (ItemID),
                                                    '50 Nanyang Ave, 639798',
                   FOREIGN KEY (StockID)
                 REFERENCES
                                                    'C03');
                 STOCKS IN BOOKSTORE(Stock ID),
                   FOREIGN KEY (OrderID)
                 REFERENCES ORDERS2(OrderID)
                 );
ORDER ITEM ST
                CREATE TABLE ORDER ITEM STATUS (
                                                    INSERT INTO
ATUS
                   Item ID CHAR(3),
                                                    ORDER ITEM STATUS
```

```
VALUES ('I01', '2022-06-03
                   Date DATETIME NOT NULL,
                                                    00:00:00.000', Delivered');
                   State VARCHAR(50) NOT NULL,
                  PRIMARY KEY (Item_ID, Date),
                   FOREIGN KEY (Item_ID)
                                                    INSERT INTO
                 REFERENCES
                                                    ORDER ITEM STATUS
                 ITEMS IN ORDERS 1(ItemID)
                                                    VALUES('I02', '2022-06-03
                                                    00:00:00.000', Delivered');
                 );
CUSTOMER FEED
                 CREATE TABLE CUSTOMER_FEEDBACK(
                                                    INSERT INTO
BACK
                   ItemID CHAR(3),
                                                    CUSTOMER FEEDBACK
                                                    VALUES('I01', 'C01',
                   CID CHAR(3) NOT NULL,
                                                    '2022-06-30 00:00:00.000',
                   Date DATETIME NOT NULL,
                  Comment TEXT,
                                                    NULL, NULL);
                   Rating INT,
                   PRIMARY KEY (ItemID, CID,
                                                    INSERT INTO
                 Date),
                                                    CUSTOMER FEEDBACK
                                                    VALUES('I03', 'C03',
                   FOREIGN KEY (ItemID)
                                                    '2022-06-30 00:00:00.000',
                 REFERENCES
                                                    'Good!', 4);
                 ITEMS IN ORDERS 1(ItemID),
                   FOREIGN KEY (CID) REFERENCES
                 CUSTOMERS(CID)
                 );
CUSTOMER ORDE
                 CREATE TABLE CUSTOMER ORDERS(
                                                    INSERT INTO CUSTOMER ORDERS
RS
                  OrderID CHAR(3),
                                                    VALUES('001', 'C01');
                  CID CHAR(3),
                  PRIMARY KEY (OrderID),
                                                    INSERT INTO CUSTOMER ORDERS
                  FOREIGN KEY (CID) REFERENCES
                                                    VALUES('002', 'C02');
                 CUSTOMERS(CID)
                 );
```

Appendix B - SQL Queries

- 1. Find the average price of "Harry Porter Finale" on Ahamazon from 1 August 2022 to 31 August 2022.
- -- Thiscode finds the average price of "Harry Potter Finale" on Ahamazon from 1 August 2022 to 31 August 2022.

Code:

```
-- Obtain the average price

SELECT AVG(A.Price) AS avgPrice

FROM

-- A relation containing all the Prices of the book from 1 August 2022

-- to 31 August 2022

(SELECT PH.Price

FROM PRICE_HISTORY AS PH JOIN STOCKS_IN_BOOKSTORE AS SIB

ON PH.Stock_ID = SIB.Stock_ID

WHERE PH.Start_date >= '2022-08-01 00:00:00' AND (PH.End_date <= '2022-08-31 23:59:59' OR PH.End_date is NULL) AND SIB.PubID = (SELECT PubID

FROM BOOKS WHERE Title = 'Harry Porter Finale')) AS A;
```

	avgPrice
1	69.240000

2. Find publications that received at least 10 ratings of "5" in August 2022, and rank them by their average ratings.

```
-- This SQL code finds the PUBLICATIONS that received at least 10 ratings of "5" August 2022, and rank them by their average ratings.
-- The relations used here are: ITEMS_IN_ORDERS_1, CUSTOMER_FEEDBACK, STOCKS_IN_BOOKSTORE
-- The WHERE clause joins these tables on their corresponding IDs, and filters only the books rated 5 and above in August 2022.
-- Finally you get the answer as seen in the table.
```

Code:

```
-- Create view for publications that have at least 10 ratings of 5 in august 2022
CREATE VIEW pub_10_ratings_5 AS
SELECT T.PubID
FROM (
SELECT SIB.PubID, CF.ItemID
FROM
ITEMS_IN_ORDERS_1 AS IIO1 JOIN CUSTOMER_FEEDBACK AS CF ON IIO1.ItemID =
CF.ItemID
JOIN STOCKS_IN_BOOKSTORE AS SIB ON IIO1.StockID = SIB.Stock_ID
WHERE CF.Rating = 5 AND CF.DateTime > '2022.08.01 00:00:00' AND
CF.DateTime <= '2022.08.31 23:59:59'
) AS T
GROUP BY T.PubID
HAVING COUNT(*) >= 10
```

pub_10_ratings_5 PublD 1 P05 2 P07

```
-- Obtain the average ratings by taking all the PubIDs satisfying the conditions, in STOCKS_IN_BOOKSTORE

SELECT SIB.PubID, AVG(CF.Rating) AS AvgRating

FROM STOCKS_IN_BOOKSTORE AS SIB

JOIN ITEMS_IN_ORDERS_1 AS IIO1 ON IIO1.StockID = SIB.Stock_ID
```

JOIN CUSTOMER_FEEDBACK AS CF ON CF.ItemID = IIO1.ItemID
WHERE SIB.PubID IN (SELECT PubID FROM pub_10_ratings_5)
GROUP BY SIB.PubID
-- Rank them in Descending order
ORDER BY AvgRating DESC;

	PubID	AvgRating
1	P05	5
2	P07	4

- 3. For all publications purchased in June 2022 that have been delivered, find the average time from the ordering date to the delivery date.
- $\ensuremath{\mathsf{--}}$ This SQL code finds the average time from ordering date to the delivery date.
- -- The relations used here are: ORDERS2, ITEMS_IN_ORDERS_1, STOCKS IN BOOKSTORE
- -- We initially join ORDERS2 and ITEMS_IN_ORDERS_1 to get when a particular StockID was ordered and when it was delivered together with STOCKS_IN_BOOKSTORE to get the PubID. The WHERE clause helps us filter the order dates within the june period. Next, we calculated the difference in order date and the delivery date to get delivery_hours and divided it by the number of deliveries for each publication.
- -- Finally you get the answer as seen in the table.

Code:

```
SELECT PubID, COUNT(PubID) deliveries, SUM(delivery_hours) totalhours,
SUM(delivery_hours)/COUNT(PubID) average_time_in_hours
FROM(
SELECT PubID, DATEDIFF(hour, Date_time, DeliveryDate) delivery_hours
FROM (select i.StockID, Date_time, DeliveryDate
FROM ORDERS2 as o JOIN ITEMS_IN_ORDERS_1 as i
ON o.OrderID = i.OrderID) AS a JOIN STOCKS_IN_BOOKSTORE AS b
ON a.StockID = b.Stock_ID
WHERE Date_time >= '2022-06-01' AND Date_time <= '2022-06-30'
) AS A
GROUP BY PubID
```

Ⅲ F				
	PubID	deliveries	totalhours	average_time_in_hours
1	P03	1	37	37
2	P05	1	60	60
3	P06	10	695	69
4	P07	2	90	45

- 4. Let us define the "latency" of an employee by the average that he/she takes to process a complaint. Find the employee with the smallest latency.
- -- This SQL code finds the employee with the smallest latency.
- -- First (Common Table Expression) CTE OpenedComplaints creates a table with Complaint_ID and the Smaller date among the filed date and the Addressed date, to select the filed date. This hence results in a table of complaint ID and their filed date.
- -- The second CTE ProcessedComplaints calculates the time taken to process each complaint, by subtracting the date the complaint was opened from the date it was addressed, Grouped by Employee ID and Complaint ID.
- -- The third CTE Latency will then take the values from ProcessedComplaints, and find the average number of days taken by each EID, from opening of complaint to addressing of complaint, and group the result by EID.
- -- Finally, the query finds the Employer name by joining EMPLOYEES, from the corresponding EID, where the Latency is the smallest, and lists the EID, Name and Latency of the employer.

Code:

```
WITH OpenedComplaints AS (
  SELECT
    Complaint ID,
    MIN(Date) AS Date
  FROM
    COMPLAINT STATUS
  WHERE
    State = 'Addressed'
  GROUP BY
    Complaint ID
),
ProcessedComplaints AS (
  SELECT
    DAY((SELECT Date FROM COMPLAINT STATUS WHERE State='Addressed' AND
Complaint_ID=cs.Complaint_ID)) - DAY((SELECT Date FROM COMPLAINT_STATUS
WHERE State='Being processed' AND Complaint_ID=cs.Complaint_ID)) AS
DaysTaken
  FROM
    COMPLAINT_STATUS cs
```

```
INNER JOIN OpenedComplaints opened ON cs.Complaint ID =
opened.Complaint_ID
    INNER JOIN COMPLAINTS c ON cs.Complaint_ID = c.ID
    cs.State = 'Being processed'
  GROUP BY
    c.EID,
    cs.Complaint ID
),
Latency AS (
  SELECT
   EID,
   AVG(DaysTaken) AS AvgLatency
  FROM ProcessedComplaints
  GROUP BY EID
SELECT
 L.EID,
  E.Name,
  L.AvgLatency
FROM
  Latency L
  INNER JOIN EMPLOYEES E ON L.EID = E.EID
WHERE
  AvgLatency = (SELECT MIN(AvgLatency) FROM Latency);
```



5. Produce a list that contains (i) all publications published by Nanyang Publisher Company, and (ii) for each of them, the number of bookstores on Ahamazon that sell them.

(i)

We obtain the publication IDs from PUBLICATION, and their titles from BOOK and MAGAZINE. Then we can simply select the publications published by Nanyang Publisher Company.

Code:

```
SELECT P.PubID, T.Title, Publisher

FROM PUBLICATION P, (SELECT * FROM BOOKS UNION SELECT PubID, Title FROM MAGAZINES) AS T

WHERE Publisher = 'Nanyang Publisher Company'

AND P.PubID = T.PubID
```

Final Result:

	PubID	Title	Publisher
1	P03	Organic Chemistry	Nanyang Publisher Company
2	P08	Getting into Oxford	Nanyang Publisher Company
3	P09	U Magazine	Nanyang Publisher Company
4	P10	Student Wellbeing	Nanyang Publisher Company
5	P11	Paris Fashion Week 2023	Nanyang Publisher Company

(ii)

We first select the PubID and title from the previous query as a temporary view NanyangPubs. We can then use NanyangPubs to find the number of distinct bookstores that sell the publication by grouping and aggregation.

Code:

```
WITH NanyangPubs AS(
SELECT P.PubID, T.Title
FROM PUBLICATION P, (SELECT * FROM BOOKS UNION SELECT PubID, Title FROM MAGAZINES) AS T
WHERE Publisher = 'Nanyang Publisher Company'
AND P.PubID = T.PubID)

SELECT N.PubID, N.Title, COUNT(DISTINCT S.BookstoreID) AS NumBookstores
FROM STOCKS_IN_BOOKSTORE S, NanyangPubs N
WHERE S.PubID = N.PubID
```

	PubID	Title	NumBookstores
1	P03	Organic Chemistry	5
2	P08	Getting into Oxford	1
3	P09	U Magazine	2
4	P10	Student Wellbeing	1
5	P11	Paris Fashion Week 2023	1

6. Find bookstores that made the most revenue in August 2022.

Create View for Orders in August 2022

```
-- Orders in Aug 2022
CREATE VIEW orders_in_aug AS
SELECT OrderID
FROM ORDERS2
WHERE Date_time >= '2022.08.01 00:00' AND Date_time <= '2022.08.31
23:59:59';</pre>
```

Orders in aug (showing only a few):

	OrderID
1	045
2	048
3	O46
4	047
5	051
6	050

```
-- Table containing the Bookstores that sold in August 2022, and their total revenues in Aug 2022

CREATE VIEW total_rev_1 AS(

SELECT SIB.BookstoreID, SUM(II01.ItemPrice * II01.ItemQty) AS

totalRevenue

FROM STOCKS_IN_BOOKSTORE AS SIB JOIN ITEMS_IN_ORDERS_1 AS II01 ON

SIB.Stock_ID = II01.StockID

WHERE II01.OrderID IN (SELECT OrderID FROM orders_in_aug)

GROUP BY SIB.BookstoreID)
```

total_rev_1:

	BookstoreID	totalRevenue
1	B01	649.50
2	B02	949.05
3	B03	1708.10
4	B04	2362.03

Then, we execute the query to find the bookstore with the most revenue:

```
SELECT T.BookstoreID, T.totalRevenue
FROM total_rev_1 AS T
```

WHERE T.totalRevenue = (SELECT MAX(totalRevenue) FROM total_rev_1);

	BookstoreID	totalRevenue
1	B04	2362.03

- 7. For customers that made the most number of complaints, find the most expensive publication he/she has ever purchased.
- -- This SQL code finds the most expensive publication he/she has purchased, for the customers with the most number of complaints.
 -- The relations used here are COMPLAINTS, CUSTOMER_ORDERS, ITEMS IN ORDERS 1 and STOCKS IN BOOKSTORE.
- -- First, we create view noisy_customer to get the customer with the most complaints, then we create another view stocks_bought_by_noisy to get the StockID of the stuff he bought. Next, we join stocks_bought_by_noisy with STOCKS_IN_BOOKSTORE to get the PubID of the most expensive publication he purchased.
- -- Finally you get the answer as seen in the table.

Code:

NOISIEST CUSTOMER

```
CREATE VIEW noisy_customer as

SELECT CID

FROM COMPLAINTS

GROUP BY CID

HAVING COUNT(*) =(

SELECT MAX(Number_of_complaints)

FROM (

SELECT CID,COUNT(*) AS Number_of_complaints

FROM COMPLAINTS

GROUP BY CID)

COMPLAINTS)
```

STUFF HE BOUGHT

```
CREATE VIEW stocks_bought_by_noisy AS

SELECT StockID, ItemPrice

FROM ((SELECT o.CID, o.OrderID

FROM CUSTOMER_ORDERS AS o JOIN noisy_customer AS c ON o.CID = c.CID) AS A

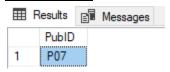
JOIN ITEMS_IN_ORDERS_1 AS B

ON A.OrderID = B.OrderID)
```

MOST EXPENSIVE PUBLICATION

```
SELECT PubID FROM(
```

```
(SELECT DISTINCT StockID
FROM stocks_bought_by_noisy
WHERE ItemPrice = (SELECT MAX(ItemPrice) FROM stocks_bought_by_noisy)) AS A
JOIN
STOCKS_IN_BOOKSTORE AS B
ON A.StockID = B.Stock_ID)
```



8. Find publications that have never been purchased by any customer in July 2022, but are the top 3 most purchased publications in August 2022.

Firstly, we can find the publications in August. This is the temporary view AugPurchases, which uses the item Stock ID and Order date-time to find the number of purchases of each publication in August, and PubID and ItemQty to track their purchases. The output of this view is as follows:

	PubID	Purchases
1	P03	95
2	P05	197
3	P07	190
4	P11	50

With this view, we can find the top 3 publications in August.

	PubID
1	P03
2	P05
3	P07

Next, we can find publications that are not purchased in July using ${\tt NOT\ EXISTS.}$

	PubID
1	P01
2	P02
3	P03
4	P04
5	P07
6	P08
7	P09
8	P10
9	P11
10	P12

Finally, we INTERSECT the previous 2 relations to give the final output.

Code:

WITH AugPurchases AS

```
(SELECT S.PubID AS PubID, SUM(I.ItemQty) AS Purchases
FROM ITEMS_IN_ORDERS_1 I, ORDERS2 O, STOCKS_IN_BOOKSTORE S
WHERE S.Stock ID = I.StockID
AND I.OrderID = 0.OrderID
AND O.Date_time >= '2022-08-01' AND O.Date_time <= '2022-08-31'
GROUP BY S.PubID)
SELECT A.PubID
FROM AugPurchases A
WHERE
      (SELECT COUNT(*)
      FROM AugPurchases B
      WHERE A.Purchases < B.Purchases) < 3 /*Assuming that top 3 is by
position*/
INTERSECT
SELECT P.PubID
FROM PUBLICATION P
WHERE NOT EXISTS
(SELECT S7.PubID
FROM ITEMS_IN_ORDERS_1 I7, ORDERS2 O7, STOCKS_IN_BOOKSTORE S7
WHERE S7.Stock ID = I7.StockID
AND I7.OrderID = 07.OrderID
AND 07.Date_time >= '2022-07-01' AND 07.Date_time <= '2022-07-31'
AND S7.PubID = P.PubID)
```

	PubID
1	P03
2	P07

9. Find publications that are increasingly being purchased over at least 3 months.

- -- This SQL code finds the publications that are increasingly being purchased over at least 3 months.
- -- In the first Common Table Expression MonthlyPurchases, ORDERS2, ITEM_IN_ORDERS_1 and STOCKS_IN_BOOKSTORE are joined, to get the pubID from STOCKS_IN_BOOKSTORE, month of purchase from ORDERS2, and quantity sold from ITEM IN ORDERS 1.
- -- The second subquery Assigns a row number 'MonthNo' that will be used to check the criteria.
- -- The query at last uses the Occurrence CTE to find the publications that satisfies the criteria. OC3 is used to represent the current month, OC2 representing last month, and OC1 representing the month before the previous.
- -- OC2 ON OC1.PubID = OC2.PubID AND OC1.MonthNo = OC2.MonthNo 1, OC1.MonthNo = OC3.MonthNo 2 Ensures the previous condition is met. -- OC2.TotalSale > OC1.TotalSale and OC3.TotalSales > OC2.TotalSales ensure the sales of publication are increasing over three months.
- -- At the end, the Distinct publications that are increasingly being purchased over at least 3 months will be displayed.

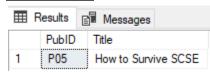
Code:

```
WITH MonthlyPurchases AS (
    SELECT s.PubID, CONVERT(VARCHAR(7), O.Date time, 120) AS Date,
SUM(io.ItemQty) AS Purchases
    FROM ORDERS2 O
    JOIN ITEMS IN ORDERS 1 io ON O.OrderID = io.OrderID
    JOIN STOCKS IN BOOKSTORE s ON io.StockID = s.Stock ID
    GROUP BY s.PubID, CONVERT(VARCHAR(7), O.Date_time, 120)
),
occurrence AS (
      SELECT mp.PubID,
      mp.Date,
      SUM(mp.Purchases) AS TotalSales,
      ROW NUMBER() OVER (
            PARTITION BY mp.PubID
            ORDER BY mp.Date
      ) AS MonthNo
      FROM MonthlyPurchases mp
      GROUP BY mp.PubID, mp.Date
SELECT DISTINCT OC3. PubID, COALESCE(b.Title, m.Title) AS Title
```

```
FROM occurrence OC1
    JOIN occurrence OC2 ON OC1.PubID = OC2.PubID AND OC1.MonthNo =

OC2.MonthNo - 1
    JOIN occurrence OC3 ON OC1.PubID = OC3.PubID AND OC1.MonthNo =

OC3.MonthNo - 2
    LEFT JOIN Books b ON OC1.PubID = b.PubID
    LEFT JOIN Magazines m ON OC1.PubID = m.PubID
    WHERE OC3.TotalSales > OC2.TotalSales
    AND OC2.TotalSales > OC1.TotalSales;
```



Print-out of Table Records:

1. BOOKSTORE

⊞ Re	sults	Messages
	ID	
1	B01	
2	B02	
3	B03	
4	B04	
5	B05	

2. CUSTOMERS

≣ Re	■ Results				
	CID	Name			
1	C01	Sarah Lim Xi Liu			
2	C02	Mohammad Ali			
3	C03	John Cena			
4	C04	Hannah Montana			
5	C05	Anonymous Tiger			

3. PUBLICATION

■ Results				
	PubID	Publisher	Year	
1	P01	Oxford	2000	
2	P02	Vogue	2010	
3	P03	Nanyang Publisher Company	2020	
4	P04	Dolphin	2022	
5	P05	Pearson	2023	
6	P06	Penguin	2010	
7	P07	Lanny	2015	
8	P08	Nanyang Publisher Company	2021	
9	P09	Nanyang Publisher Company	2022	
10	P10	Nanyang Publisher Company	2022	
11	P11	Nanyang Publisher Company	2023	
12	P12	Trusted Media Brands	2023	

4. BOOKS

⊞ Re	esults 🗊	Messages
	PubID	Title
1	P01	Frankenstein
2	P02	The Selfish Gene
3	P03	Organic Chemistry
4	P04	Secrets of Singapore
5	P05	How to Survive SCSE
6	P06	Harry Porter and the Bellhop
7	P07	Harry Porter Finale

5. MAGAZINES

■R	■ Results				
	PubID	Issue	Title		
1	P08	2	Getting into Oxford		
2	P09	3	U Magazine		
3	P10	4	Student Wellbeing		
4	P11	5	Paris Fashion Week 2023		
5	P12	1	Readers Digest		

6. EMPLOYEES

⊞ Re	Results					
	EID	Name	Salary			
1	E01	Tom Dickinson	42000.00			
2	E02	Dick Harry	69000.00			
3	E03	Coco Chanel	42069.00			
4	E04	Mark Walhberg	123456.00			
5	E05	Thomas Lemar	69696.00			

7. COMPLAINTS

■ R	Results Messages					
	ID	Text	Filed_date_time	EID	Handled_date_time	CID
1	Z01	Most aesthetic bookstore out there!	2022-09-10 10:34:09.000	E03	2022-09-12 00:00:00.000	C01
2	Z02	Book delivery took too long	2022-09-15 10:34:09.000	E04	2022-09-16 10:34:09.000	C02
3	Z03	Bookstore was very disorganised	2022-09-10 10:34:09.000	E01	2022-09-17 11:20:00.000	C04
4	Z04	Order did not arrive on time	2022-08-25 10:34:09.000	E02	2022-08-27 17:24:09.000	C03
5	Z05	Bookstore too big	2022-08-20 11:30:10.000	E05	2022-08-25 22:34:09.000	C01
6	Z06	Salesperson was rude	2022-08-21 10:34:09.000	NULL	NULL	C01

8. ORDERS2

	OrderID	Date_time	Shipping_address	CID
1	O01	2022-06-01 10:34:09.000	Jurong west st 52, 640536	C05
2	O02	2022-06-01 11:34:09.000	50 Nanyang Ave, 639798	C03
3	O03	2022-06-01 20:34:09.000	Pasir Laba Road, 637901	C04
4	O04	2022-06-01 12:34:09.000	SAFTI Military Institute, 634364	C01
5	O05	2022-06-02 13:34:09.000	97 Cashew Rd, 679668	C02
6	O06	2022-06-02 00:00:00.000	SAFTI Military Institute, 634364	C01
7	O07	2022-06-02 13:34:09.000	SAFTI Military Institute, 634364	C01
8	O08	2022-06-02 12:34:09.000	SAFTI Military Institute, 634364	C01
9	O09	2022-06-03 20:34:09.000	SAFTI Military Institute, 634364	C01
10	O10	2022-06-03 10:20:20.000	Jurong west st 52, 640536	C05
11	011	2022-06-03 13:34:23.000	SAFTI Military Institute, 634364	C01
12	O12	2022-06-03 16:59:10.000	SAFTI Military Institute, 634364	C01
13	O13	2022-06-04 01:10:00.000	SAFTI Military Institute, 634364	C01
14	O14	2022-06-04 23:51:27.000	SAFTI Military Institute, 634364	C01
15	O15	2022-07-04 12:20:12.000	SAFTI Military Institute, 634364	C01
16	O16	2022-07-04 13:13:58.000	Jurong West st 52, 640536	C05
17	O17	2022-07-05 11:54:12.000	Jurong West st 52, 640536	C05
18	O18	2022-07-05 12:01:12.000	Jurong West st 52, 640536	C05
19	O19	2022-07-05 13:21:32.000	Jurong West st 52, 640536	C05
20	O20	2022-07-05 23:53:44.000	Jurong West st 52, 640536	C05
21	O21	2022-07-06 15:01:12.000	Jurong West st 52, 640536	C05
22	O22	2022-07-06 12:23:12.000	Jurong West st 52, 640536	C05
23	O23	2022-07-06 12:01:54.000	Jurong West st 52, 640536	C05
24	O24	2022-07-06 03:01:12.000	Jurong West st 52, 640536	C05
25	O25	2022-07-07 12:12:54.000	Jurong West st 52, 640536	C05
26	O26	2022-07-07 12:01:32.000	Jurong West st 52, 640536	C05
27	O27	2022-07-07 19:42:12.000	Jurong West st 52, 640536	C05
28	O28	2022-07-07 18:01:12.000	Jurong West st 52, 640536	C05
29	O29	2022-07-08 12:22:12.000	Jurong West st 52, 640536	C05
30	O30	2022-07-08 12:01:43.000	Jurong West st 52, 640536	C05
31	O31	2022-07-08 20:43:12.000	Jurong West st 52, 640536	C05
32	O32	2022-07-08 21:01:12.000	Jurong West st 52, 640536	C05
33	O33	2022-07-08 22:22:22.000	Jurong West st 52, 640536	C05
34	O34	2022-07-09 13:11:33.000	Jurong West st 52, 640536	C05
35	O35	2022-07-09 14:01:12.000	Jurong West st 52, 640536	C05

37 037 2022-07-10 02:17:12.000 Jurong West at 52, 640536 C05 38 038 2022-07-10 03:55:12.000 Jurong West at 52, 640536 C05 39 039 2022-07-10 04:25:12.000 Jurong West at 52, 640536 C05 40 O40 2022-07-11 05:22:12.000 Jurong West at 52, 640536 C05 41 O41 2022-07-11 08:01:12.000 Jurong West at 52, 640536 C05 42 O42 2022-07-12 14:01:12.000 Jurong West at 52, 640536 C05 43 O43 2022-07-12 15:05:4.000 Jurong West at 52, 640536 C05 44 O44 2022-07-12 15:05:4.000 Jurong West at 52, 640536 C05 45 O45 2022-08-12 12:50:06.000 Jurong West at 52, 640536 C05 46 O46 2022-08-13 12:49:17.000 Jurong West at 52, 640536 C05 47 O47 2022-08-13 12:49:00.00 Jurong West at 52, 640536 C05 48 O48 2022-08-14 12:46:00.00 Jurong West at 52, 640536 C05 50 O50 2022-0					
38 038 2022-07-10 08:55:12.000 Jurong West st 52, 640536 C05 39 039 2022-07-10 04:25:12.000 Jurong West st 52, 640536 C05 40 O40 2022-07-11 05:22:12.000 Jurong West st 52, 640536 C05 41 O41 2022-07-11 08:01:12.000 Jurong West st 52, 640536 C05 42 O42 2022-07-12 14:01:12.000 Jurong West st 52, 640536 C05 43 O43 2022-07-12 15:05:4000 Jurong West st 52, 640536 C05 44 O44 2022-08-12 12:50:06.000 Jurong West st 52, 640536 C05 45 O45 2022-08-13 12:49:17.000 Jurong West st 52, 640536 C05 47 O47 2022-08-13 12:49:00.000 Jurong West st 52, 640536 C05 48 O48 2022-08-13 12:47:02.000 Jurong West st 52, 640536 C05 50 O50 2022-08-14 12:45:04.000 Jurong West st 52, 640536 C05 51 O51 2022-08-14 12:45:05.000 Jurong West st 52, 640536 C05 52 O52 2022	36	O36	2022-07-09 01:01:12.000	Jurong West st 52, 640536	C05
39 039 2022-07-10 04:25:12.000 Jurong West at 52, 640536 C05 40 040 2022-07-11 05:22:12.000 Jurong West at 52, 640536 C05 41 041 2022-07-11 07:01:12.000 Jurong West at 52, 640536 C05 42 042 2022-07-11 08:01:12.000 Jurong West at 52, 640536 C05 43 043 2022-07-12 14:01:12.000 Jurong West at 52, 640536 C05 44 044 2022-07-12 15:10:54.000 Jurong West at 52, 640536 C05 45 045 2022-08-12 12:50:06.000 Jurong West at 52, 640536 C05 46 046 2022-08-13 12:49:17.000 Jurong West at 52, 640536 C05 47 047 2022-08-13 13:48:01.000 Jurong West at 52, 640536 C05 48 048 2022-08-13 12:47:02.000 Jurong West at 52, 640536 C05 48 049 2022-08-13 12:47:02.000 Jurong West at 52, 640536 C05 49 049 2022-08-14 16:46:03.000 Jurong West at 52, 640536 C05 50 050 2022-08-14 12:45:04.000 Jurong West at 52, 640536 C05 51 051 2022-08-14 12:44:05.000 Jurong West at 52, 640536 C05 52 052 2022-08-15 17:43:06.000 Jurong West at 52, 640536 C05 53 053 2022-08-15 18:42:07.000 Jurong West at 52, 640536 C05 54 054 2022-08-16 20:40:00.000 Jurong West at 52, 640536 C05 54 054 2022-08-16 20:40:00.000 Jurong West at 52, 640536 C05 55 055 2022-08-16 20:40:00.000 Jurong West at 52, 640536 C05 56 056 2022-08-16 20:40:00.000 Jurong West at 52, 640536 C05 56 056 2022-08-16 20:33:10.000 Jurong West at 52, 640536 C05 57 057 057 2022-08-16 20:33:10.000 Jurong West at 52, 640536 C05 58 058 2022-08-16 20:33:10.000 Jurong West at 52, 640536 C05 58 058 2022-08-16 20:33:10.000 Jurong West at 52, 640536 C05 59 059 2022-08-17 30:35:10.000 Jurong West at 52, 640536 C05 50 050 2022-08-16 20:33:10.000 Jurong West at 52, 640536 C05 50 050 2022-08-16 20:33:10.000 Jurong West at 52, 640536 C05 50 050 2022-08-16 20:33:10.000 Jurong West at 52, 640536 C05 50 050 2022-08-10 20:30:10:000 Jurong West at 52, 640536 C05 50 050 2022-08-10 20:30:10:000 Jurong West at 52, 640536 C05 50 050 2022-08-10 20:30:10:000 Jurong West at 52, 640536 C05 60 060 2022-08-10 00:30:10:000 Jurong West at 52, 640536 C05 60 060 2022-08-10 00:30:10:000 Jurong West at 52, 640536 C05 60 060 2022-08-10 00:30:10:00	37	O37	2022-07-10 02:17:12.000	Jurong West st 52, 640536	C05
40 O40 2022-07-11 05:22:12.000 Jurong West at 52, 640536 C05 41 O41 2022-07-11 07:01:12.000 Jurong West at 52, 640536 C05 42 O42 2022-07-11 08:01:12.000 Jurong West at 52, 640536 C05 43 O43 2022-07-12 14:01:12.000 Jurong West at 52, 640536 C05 44 O44 2022-08-12 12:50:06.000 Jurong West at 52, 640536 C05 45 O45 2022-08-13 12:49:17.000 Jurong West at 52, 640536 C05 46 O46 2022-08-13 12:47:02.000 Jurong West at 52, 640536 C05 47 O47 2022-08-13 12:47:02.000 Jurong West at 52, 640536 C05 48 O48 2022-08-14 16:48:03.000 Jurong West at 52, 640536 C05 49 O49 2022-08-14 12:44:05.000 Jurong West at 52, 640536 C05 50 C50 2022-08-14 12:44:05.000 Jurong West at 52, 640536 C05 51 O51 2022-08-15 18:42:07.000 Jurong West at 52, 640536 C05 52 O52 20	38	O38	2022-07-10 03:55:12.000	Jurong West st 52, 640536	C05
411 041 2022-07-11 07:01:12.000 Jurong West at 52, 640536 C05 42 042 2022-07-11 08:01:12.000 Jurong West at 52, 640536 C05 43 043 2022-07-12 14:01:12.000 Jurong West at 52, 640536 C05 44 044 2022-07-12 15:10:54.000 Jurong West at 52, 640536 C05 45 045 2022-08-12 12:50:06.000 Jurong West at 52, 640536 C05 46 046 2022-08-13 12:48:17.000 Jurong West at 52, 640536 C05 47 047 2022-08-13 13:48:01.000 Jurong West at 52, 640536 C05 48 048 2022-08-13 12:48:17.000 Jurong West at 52, 640536 C05 49 049 2022-08-13 12:45:04.000 Jurong West at 52, 640536 C05 50 050 2022-08-14 16:46:03.000 Jurong West at 52, 640536 C05 51 051 2022-08-14 12:45:04.000 Jurong West at 52, 640536 C05 52 052 2022-08-14 12:44:05.000 Jurong West at 52, 640536 C05 53 053 2022-08-15 17:43:06.000 Jurong West at 52, 640536 C05 54 054 2022-08-15 18:42:07.000 Jurong West at 52, 640536 C05 54 054 2022-08-15 18:42:07.000 Jurong West at 52, 640536 C05 55 055 2022-08-16 19:41:08.000 Jurong West at 52, 640536 C05 56 056 2022-08-16 20:40:09.000 Jurong West at 52, 640536 C05 56 056 2022-08-16 20:30:000 Jurong West at 52, 640536 C05 57 057 2022-08-16 21:39:10.000 Jurong West at 52, 640536 C05 58 058 2022-08-16 21:39:10.000 Jurong West at 52, 640536 C05 58 058 2022-08-16 20:30:10.000 Jurong West at 52, 640536 C05 58 058 2022-08-17 00:36:13.000 Jurong West at 52, 640536 C05 59 059 2022-08-17 00:36:13.000 Jurong West at 52, 640536 C05 60 060 2022-08-17 00:36:13.000 Jurong West at 52, 640536 C05 61 061 2022-08-18 06:33:16.000 Jurong West at 52, 640536 C05 61 061 2022-08-18 06:33:16.000 Jurong West at 52, 640536 C05 63 063 2022-08-19 08:31:18.000 Jurong West at 52, 640536 C05 66 066 2022-08-19 08:31:18.000 Jurong West at 52, 640536 C05 66 066 2022-08-19 08:31:18.000 Jurong West at 52, 640536 C05 66 066 2022-08-19 08:31:18.000 Jurong West at 52, 640536 C05 66 066 2022-08-19 08:31:18.000 Jurong West at 52, 640536 C05 67 067 2022-08-20 11:28:21.000 Jurong West at 52, 640536 C05 68 068 2022-08-20 11:28:21.000 Jurong West at 52, 640536 C05	39	O39	2022-07-10 04:25:12.000	Jurong West st 52, 640536	C05
42	40	O40	2022-07-11 05:22:12.000	Jurong West st 52, 640536	C05
43	41	O41	2022-07-11 07:01:12.000	Jurong West st 52, 640536	C05
444 044 2022-07-12 15:10:54.000 Jurong West st 52, 640536 C05 45 045 2022-08-12 12:50:06.000 Jurong West st 52, 640536 C05 46 046 2022-08-13 12:49:17.000 Jurong West st 52, 640536 C05 47 047 2022-08-13 13:48:01.000 Jurong West st 52, 640536 C05 48 048 2022-08-13 12:49:17.000 Jurong West st 52, 640536 C05 48 048 2022-08-13 12:47:02.000 Jurong West st 52, 640536 C05 49 049 2022-08-14 16:46:03.000 Jurong West st 52, 640536 C05 50 050 2022-08-14 12:45:04.000 Jurong West st 52, 640536 C05 51 051 2022-08-14 12:44:05.000 Jurong West st 52, 640536 C05 52 052 2022-08-15 17:43:06.000 Jurong West st 52, 640536 C05 53 053 2022-08-15 18:42:07.000 Jurong West st 52, 640536 C05 54 054 2022-08-15 18:42:07.000 Jurong West st 52, 640536 C05 55 055 2022-08-16 20:40:09.000 Jurong West st 52, 640536 C05 56 056 2022-08-16 21:39:10.000 Jurong West st 52, 640536 C05 57 057 2022-08-16 21:39:10.000 Jurong West st 52, 640536 C05 58 058 2022-08-16 21:39:10.000 Jurong West st 52, 640536 C05 58 058 2022-08-17 23:37:12.000 Jurong West st 52, 640536 C05 59 059 2022-08-17 03:61:3.000 Jurong West st 52, 640536 C05 59 059 2022-08-17 03:61:3.000 Jurong West st 52, 640536 C05 50 050 2022-08-18 05:34:15.000 Jurong West st 52, 640536 C05 50 050 2022-08-18 05:34:15.000 Jurong West st 52, 640536 C05 50 050 2022-08-19 03:31:18.000 Jurong West st 52, 640536 C05 50 050 2022-08-19 03:31:18.000 Jurong West st 52, 640536 C05 50 060 2022-08-19 03:31:18.000 Jurong West st 52, 640536 C05 50 060 2022-08-19 03:31:18.000 Jurong West st 52, 640536 C05 50 060 2022-08-19 03:31:18.000 Jurong West st 52, 640536 C05 50 060 2022-08-19 03:31:18.000 Jurong West st 52, 640536 C05 50 060 2022-08-19 10:29:20.000 Jurong West st 52, 640536 C05 50 060 2022-08-19 10:29:20.000 Jurong West st 52, 640536 C05 50 060 2022-08-19 10:29:20.000 Jurong West st 52, 640536 C05 50 060 2022-08-19 10:29:20.000 Jurong West st 52, 640536 C05 50 060 2022-08-19 10:29:20.000 Jurong West st 52, 640536 C05	42	O42	2022-07-11 08:01:12.000	Jurong West st 52, 640536	C05
45	43	O43	2022-07-12 14:01:12.000	Jurong West st 52, 640536	C05
466 O46 2022-08-13 12:49:17.000 Jurong West st 52, 640536 C05 447 O47 2022-08-13 13:48:01.000 Jurong West st 52, 640536 C05 48 O48 2022-08-13 13:48:01.000 Jurong West st 52, 640536 C05 49 O49 2022-08-14 16:46:03.000 Jurong West st 52, 640536 C05 50 O50 2022-08-14 12:45:04.000 Jurong West st 52, 640536 C05 51 O51 2022-08-14 12:45:05.000 Jurong West st 52, 640536 C05 52 O52 2022-08-15 17:43:06.000 Jurong West st 52, 640536 C05 53 O53 2022-08-15 18:42:07.000 Jurong West st 52, 640536 C05 54 O54 2022-08-15 19:41:08.000 Jurong West st 52, 640536 C05 55 O55 2022-08-16 20:39:10.000 Jurong West st 52, 640536 C05 56 O56 2022-08-16 21:39:10.000 Jurong West st 52, 640536 C05 57 O57 2022-08-16 22:38:11.000 Jurong West st 52, 640536 C05 58 O58	44	O44	2022-07-12 15:10:54.000	Jurong West st 52, 640536	C05
47 O47 2022-08-13 13:48:01.000 Jurong West at 52, 640536 C05 48 O48 2022-08-13 12:47:02.000 Jurong West at 52, 640536 C05 49 O49 2022-08-14 16:46:03.000 Jurong West at 52, 640536 C05 50 O50 2022-08-14 12:44:05.000 Jurong West at 52, 640536 C05 51 O51 2022-08-15 17:43:06.000 Jurong West at 52, 640536 C05 52 O52 2022-08-15 18:42:07.000 Jurong West at 52, 640536 C05 53 O53 2022-08-15 18:42:07.000 Jurong West at 52, 640536 C05 54 O54 2022-08-15 19:41:08.000 Jurong West at 52, 640536 C05 55 O55 2022-08-16 20:40:09.000 Jurong West at 52, 640536 C05 56 O56 2022-08-16 21:39:10.000 Jurong West at 52, 640536 C05 57 O57 2022-08-16 22:38:11.000 Jurong West at 52, 640536 C05 58 O58 2022-08-17 00:36:13.000 Jurong West at 52, 640536 C05 60 O60 20	45	O45	2022-08-12 12:50:06.000	Jurong West st 52, 640536	C05
48 C48 2022-08-13 12:47:02.000 Jurong West st 52, 640536 C05 49 C49 2022-08-14 16:46:03.000 Jurong West st 52, 640536 C05 50 C50 2022-08-14 12:45:04.000 Jurong West st 52, 640536 C05 51 C51 C51 2022-08-14 12:44:05.000 Jurong West st 52, 640536 C05 52 C52 2022-08-15 17:43:06.000 Jurong West st 52, 640536 C05 53 C63 2022-08-15 18:42:07.000 Jurong West st 52, 640536 C05 54 C54 2022-08-15 19:41:08.000 Jurong West st 52, 640536 C05 55 C55 2022-08-16 20:40:09.000 Jurong West st 52, 640536 C05 56 C56 2022-08-16 21:39:10.000 Jurong West st 52, 640536 C05 57 C57 2022-08-16 22:38:11.000 Jurong West st 52, 640536 C05 58 C58 2022-08-17 23:37:12.000 Jurong West st 52, 640536 C05 59 C59 2022-08-17 03:36:13.000 Jurong West st 52, 640536 C05 60 C6	46	O46	2022-08-13 12:49:17.000	Jurong West st 52, 640536	C05
499	47	O47	2022-08-13 13:48:01.000	Jurong West st 52, 640536	C05
50 O50 2022-08-14 12:45:04.000 Jurong West st 52, 640536 C05 51 O51 2022-08-14 12:44:05.000 Jurong West st 52, 640536 C05 52 O52 2022-08-15 17:43:06.000 Jurong West st 52, 640536 C05 53 O53 2022-08-15 18:42:07.000 Jurong West st 52, 640536 C05 54 O54 2022-08-15 19:41:08.000 Jurong West st 52, 640536 C05 55 O55 2022-08-16 20:40:09.000 Jurong West st 52, 640536 C05 56 O56 2022-08-16 21:39:10.000 Jurong West st 52, 640536 C05 57 O57 2022-08-16 22:38:11.000 Jurong West st 52, 640536 C05 58 O58 2022-08-17 23:37:12.000 Jurong West st 52, 640536 C05 59 O59 2022-08-17 00:36:13.000 Jurong West st 52, 640536 C05 60 O60 2022-08-18 05:34:15.000 Jurong West st 52, 640536 C05 61 O61 2022-08-18 06:33:16.000 Jurong West st 52, 640536 C05 62 O62 20	48	O48	2022-08-13 12:47:02.000	Jurong West st 52, 640536	C05
51	49	O49	2022-08-14 16:46:03.000	Jurong West st 52, 640536	C05
52 O52 2022-08-15 17:43:06.000 Jurong West st 52, 640536 C05 53 O53 2022-08-15 18:42:07.000 Jurong West st 52, 640536 C05 54 O54 2022-08-15 19:41:08.000 Jurong West st 52, 640536 C05 55 O55 2022-08-16 20:40:09.000 Jurong West st 52, 640536 C05 56 O56 2022-08-16 21:39:10.000 Jurong West st 52, 640536 C05 57 O57 2022-08-16 22:38:11.000 Jurong West st 52, 640536 C05 58 O58 2022-08-17 23:37:12.000 Jurong West st 52, 640536 C05 59 O59 2022-08-17 00:36:13.000 Jurong West st 52, 640536 C05 60 O60 2022-08-17 04:35:14.000 Jurong West st 52, 640536 C05 61 O61 2022-08-18 05:34:15.000 Jurong West st 52, 640536 C05 62 O62 2022-08-18 06:33:16.000 Jurong West st 52, 640536 C05 63 O63 2022-08-19 08:31:18.000 Jurong West st 52, 640536 C05 64 O64 20	50	O50	2022-08-14 12:45:04.000	Jurong West st 52, 640536	C05
53 O53 2022-08-15 18:42:07.000 Jurong West st 52, 640536 C05 54 O54 2022-08-15 19:41:08.000 Jurong West st 52, 640536 C05 55 O55 2022-08-16 20:40:09.000 Jurong West st 52, 640536 C05 56 O56 2022-08-16 21:39:10.000 Jurong West st 52, 640536 C05 57 O57 2022-08-16 22:38:11.000 Jurong West st 52, 640536 C05 58 O58 2022-08-17 23:37:12.000 Jurong West st 52, 640536 C05 59 O59 2022-08-17 00:36:13.000 Jurong West st 52, 640536 C05 60 O60 2022-08-17 04:35:14.000 Jurong West st 52, 640536 C05 61 O61 2022-08-18 05:34:15.000 Jurong West st 52, 640536 C05 62 O62 2022-08-18 06:33:16.000 Jurong West st 52, 640536 C05 63 O63 2022-08-18 07:32:17.000 Jurong West st 52, 640536 C05 64 O64 2022-08-19 08:31:18.000 Jurong West st 52, 640536 C05 65 O65 20	51	O51	2022-08-14 12:44:05.000	Jurong West st 52, 640536	C05
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60 O60 2022-08-17 04:35:14.000 Jurong West st 52, 640536 C05 61 O61 2022-08-18 05:34:15.000 Jurong West st 52, 640536 C05 62 O62 2022-08-18 06:33:16.000 Jurong West st 52, 640536 C05 63 O63 2022-08-18 07:32:17.000 Jurong West st 52, 640536 C05 64 O64 2022-08-19 08:31:18.000 Jurong West st 52, 640536 C05 65 O65 2022-08-19 09:30:19.000 Jurong West st 52, 640536 C05 66 O66 2022-08-19 10:29:20.000 Jurong West st 52, 640536 C05 67 O67 2022-08-20 11:28:21.000 Jurong West st 52, 640536 C05 68 O68 2022-08-20 12:27:22.000 Jurong West st 52, 640536 C05 69 O69 2022-08-20 13:26:23.000 Jurong West st 52, 640536 C05 70 O70 2022-08-21 14:25:24.000 Jurong West st 52, 640536 C05	58	O58	2022-08-17 23:37:12.000	Jurong West st 52, 640536	C05
61 O61 2022-08-18 05:34:15.000 Jurong West st 52, 640536 C05 62 O62 2022-08-18 06:33:16.000 Jurong West st 52, 640536 C05 63 O63 2022-08-18 07:32:17.000 Jurong West st 52, 640536 C05 64 O64 2022-08-19 08:31:18.000 Jurong West st 52, 640536 C05 65 O65 2022-08-19 09:30:19.000 Jurong West st 52, 640536 C05 66 O66 2022-08-19 10:29:20.000 Jurong West st 52, 640536 C05 67 O67 2022-08-20 11:28:21.000 Jurong West st 52, 640536 C05 68 O68 2022-08-20 12:27:22.000 Jurong West st 52, 640536 C05 69 O69 2022-08-20 13:26:23.000 Jurong West st 52, 640536 C05 70 O70 2022-08-21 14:25:24.000 Jurong West st 52, 640536 C05	59	O59	2022-08-17 00:36:13.000	Jurong West st 52, 640536	C05
62 O62 2022-08-18 06:33:16.000 Jurong West st 52, 640536 C05 63 O63 2022-08-18 07:32:17.000 Jurong West st 52, 640536 C05 64 O64 2022-08-19 08:31:18.000 Jurong West st 52, 640536 C05 65 O65 2022-08-19 09:30:19.000 Jurong West st 52, 640536 C05 66 O66 2022-08-19 10:29:20.000 Jurong West st 52, 640536 C05 67 O67 2022-08-20 11:28:21.000 Jurong West st 52, 640536 C05 68 O68 2022-08-20 12:27:22.000 Jurong West st 52, 640536 C05 69 O69 2022-08-20 13:26:23.000 Jurong West st 52, 640536 C05 70 O70 2022-08-21 14:25:24.000 Jurong West st 52, 640536 C05	60	O60	2022-08-17 04:35:14.000	Jurong West st 52, 640536	C05
63 O63 2022-08-18 07:32:17.000 Jurong West st 52, 640536 C05 64 O64 2022-08-19 08:31:18.000 Jurong West st 52, 640536 C05 65 O65 2022-08-19 09:30:19.000 Jurong West st 52, 640536 C05 66 O66 2022-08-19 10:29:20.000 Jurong West st 52, 640536 C05 67 O67 2022-08-20 11:28:21.000 Jurong West st 52, 640536 C05 68 O68 2022-08-20 12:27:22.000 Jurong West st 52, 640536 C05 69 O69 2022-08-20 13:26:23.000 Jurong West st 52, 640536 C05 70 O70 2022-08-21 14:25:24.000 Jurong West st 52, 640536 C05	61	O61	2022-08-18 05:34:15.000	Jurong West st 52, 640536	C05
64 O64 2022-08-19 08:31:18.000 Jurong West st 52, 640536 C05 65 O65 2022-08-19 09:30:19.000 Jurong West st 52, 640536 C05 66 O66 2022-08-19 10:29:20.000 Jurong West st 52, 640536 C05 67 O67 2022-08-20 11:28:21.000 Jurong West st 52, 640536 C05 68 O68 2022-08-20 12:27:22.000 Jurong West st 52, 640536 C05 69 O69 2022-08-20 13:26:23.000 Jurong West st 52, 640536 C05 70 O70 2022-08-21 14:25:24.000 Jurong West st 52, 640536 C05	62	O62	2022-08-18 06:33:16.000	Jurong West st 52, 640536	C05
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66 O66 2022-08-19 10:29:20.000 Jurong West st 52, 640536 C05 67 O67 2022-08-20 11:28:21.000 Jurong West st 52, 640536 C05 68 O68 2022-08-20 12:27:22.000 Jurong West st 52, 640536 C05 69 O69 2022-08-20 13:26:23.000 Jurong West st 52, 640536 C05 70 O70 2022-08-21 14:25:24.000 Jurong West st 52, 640536 C05	64	O64	2022-08-19 08:31:18.000	Jurong West st 52, 640536	C05
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68 O68 2022-08-20 12:27:22.000 Jurong West st 52, 640536 C05 69 O69 2022-08-20 13:26:23.000 Jurong West st 52, 640536 C05 70 O70 2022-08-21 14:25:24.000 Jurong West st 52, 640536 C05	66	O66	2022-08-19 10:29:20.000	Jurong West st 52, 640536	C05
69 O69 2022-08-20 13:26:23.000 Jurong West st 52, 640536 C05 70 O70 2022-08-21 14:25:24.000 Jurong West st 52, 640536 C05	67	O67	2022-08-20 11:28:21.000	Jurong West st 52, 640536	C05
70 O70 2022-08-21 14:25:24.000 Jurong West st 52, 640536 C05	68	O68	2022-08-20 12:27:22.000	Jurong West st 52, 640536	C05
	69	O69	2022-08-20 13:26:23.000	Jurong West st 52, 640536	C05
71 O71 2022-08-21 15:24:25.000 Jurong West st 52, 640536 C05	70	O70	2022-08-21 14:25:24.000	Jurong West st 52, 640536	C05
	71	071	2022-08-21 15:24:25.000	Jurong West st 52, 640536	C05

72	072	2022-08-22 16:23:26.000	Jurong West st 52, 640536	C05
73	O73	2022-08-22 17:22:27.000	Jurong West st 52, 640536	C05
74	O74	2022-08-23 18:21:28.000	Jurong West st 52, 640536	C05
75	O75	2022-08-23 19:19:29.000	Jurong West st 52, 640536	C05
76	O76	2022-08-24 20:18:30.000	Jurong West st 52, 640536	C05
77	O77	2022-08-24 21:17:31.000	Jurong West st 52, 640536	C05
78	O78	2022-08-25 22:16:32.000	Jurong West st 52, 640536	C05
79	O79	2022-08-25 23:15:33.000	Jurong West st 52, 640536	C05
80	O80	2022-08-26 00:14:34.000	Jurong West st 52, 640536	C05
81	O81	2022-08-26 01:13:35.000	Jurong West st 52, 640536	C05
82	O82	2022-08-27 02:12:36.000	Jurong West st 52, 640536	C05
83	O83	2022-08-27 03:23:37.000	Jurong West st 52, 640536	C05
84	O84	2022-08-28 04:54:38.000	Jurong West st 52, 640536	C05
85	O85	2022-08-28 05:22:39.000	Jurong West st 52, 640536	C05
86	O86	2022-08-29 06:21:40.000	Jurong West st 52, 640536	C05
87	O87	2022-08-29 07:51:41.000	Jurong West st 52, 640536	C05

9. COMPLAINTS_ON_BOOKSTORE

⊞ Results		■ Mess	ages
	Com	plaintID	BookstoreID
1	Z01		B01
2	Z03		B02
3	Z05		B03
4	Z06		B03

10.COMPLAINTS_ON_ORDERS

⊞ Re	sults 📠 Mes	sages
	ComplaintID	OrderID
1	Z01	001
2	Z02	O02

11. STOCKS_IN_BOOKSTORE

	Stock_ID	BookstoreID	PubID	Stock_price	Stock_qty
1	S01	B01	P07	60.99	42
2	S02	B02	P03	9.99	30
3	S03	B03	P07	8.99	10
4	S04	B04	P05	20.99	20
5	S05	B05	P06	42.00	69
6	S06	B01	P08	9.99	50
7	S07	B05	P09	10.99	14
8	S08	B01	P09	9.99	10
9	S09	B01	P11	12.99	12
10	S10	B02	P10	10.99	22
11	S11	B01	P03	40.99	6
12	S12	B03	P03	41.99	19
13	S13	B04	P03	40.99	7
14	S14	B05	P03	39.99	1

12.PRICE_HISTORY

■R	esults 🗐 Me	essages		
	Stock_ID	Price	Start_date	End_date
1	S01	80.99	2021-01-01	2022-08-01
2	S01	74.99	2022-08-01	2022-08-03
3	S01	69.99	2022-08-15	NULL
4	S03	70.99	2022-08-01	2022-08-18
5	S03	60.99	2022-08-18	NULL

13. COMPLAINT_STATUS

	Complaint_ID	Date	State
1	Z01	2022-09-10 10:50:09.000	Being processed
2	Z01	2022-09-12 00:00:00.000	Addressed
3	Z02	2022-09-15 10:40:09.000	Being processed
4	Z02	2022-09-16 10:34:09.000	Addressed
5	Z03	2022-09-10 10:38:09.000	Being processed
6	Z03	2022-09-17 11:20:00.000	Addressed
7	Z04	2022-08-25 10:35:09.000	Being processed
8	Z04	2022-08-27 17:24:09.000	Addressed
9	Z05	2022-08-20 11:35:10.000	Being processed
10	Z05	2022-08-25 22:34:09.000	Addressed
11	Z06	2022-08-25 10:34:09.000	Pending

14.ITEMS_IN_ORDERS_1

	ItemID	StockID	ItemPrice	ItemQty	DeliveryDate	OrderID
1	101	S01	60.99	10	2022-06-03 00:00:00.0	O01
2	102	S02	9.99	15	2022-06-03 00:00:00.0	O02
3	103	S03	8.99	20	2022-06-04 00:00:00.0	O03
4	104	S04	12.99	25	2022-06-04 00:00:00.0	O04
5	105	S05	11.99	30	2022-06-04 00:00:00.0	O05
6	106	S05	11.99	29	2022-06-04 00:00:00.0	O06
7	107	S05	11.99	28	2022-06-04 00:00:00.0	O07
8	108	S05	11.99	27	2022-06-07 00:00:00.0	O08
9	109	S05	11.99	26	2022-06-05 00:00:00.0	O09
10	110	S05	11.99	25	2022-06-05 00:00:00.0	O10
11	111	S05	11.99	24	2022-06-08 00:00:00.0	011
12	I12	S05	11.99	23	2022-06-08 00:00:00.0	O12
13	113	S05	11.99	22	2022-06-06 00:00:00.0	O13
14	114	S05	11.99	21	2022-06-11 00:00:00.0	014
15	115	S05	11.99	20	2022-07-06 00:00:00.0	O15
16	I16	S05	11.99	19	2022-07-06 00:00:00.0	O16
17	117	S05	11.99	18	2022-07-07 00:00:00.0	017
18	118	S05	11.99	17	2022-07-07 00:00:00.0	O18
19	119	S05	11.99	16	2022-07-07 00:00:00.0	O19
20	120	S05	11.99	15	2022-07-11 00:00:00.0	O20
21	121	S05	11.99	14	2022-07-08 00:00:00.0	021
22	122	S05	11.99	13	2022-07-08 00:00:00.0	O22
23	123	S05	11.99	12	2022-07-08 00:00:00.0	O23
24	124	S05	11.99	11	2022-07-11 00:00:00.0	O24
25	125	S05	11.99	10	2022-07-09 00:00:00.0	O25
26	126	S05	11.99	9	2022-07-09 00:00:00.0	O26
27	127	S05	11.99	8	2022-07-09 00:00:00.0	027
28	128	S05	11.99	7	2022-07-10 00:00:00.0	O28
29	129	S05	11.99	6 5	2022-07-10 00:00:00.0	O29
30	I30 I31	S05 S05	11.99 11.99	4	2022-07-10 00:00:00.0 2022-07-10 00:00:00.0	O30 O31
31	132	S05	11.99	3	2022-07-10 00:00:00:00.0	032
33	133	S05	11.99	2	2022-07-10 00:00:00:00.	032
34	134	S05	11.99	1	2022-07-13 00:00:00:00.	O34
35	135	S04	12.99	24	2022-07-11 00:00:00:00.0	035
36	136	S04	11.99	23	2022-07-13 00:00:00.0	O36
37	137	S04	11.99	22	2022-07-12 00:00:00:00.	O37
38	138	S04	11.99	21	2022-07-12 00:00:00:00.	O38
39	139	S04	11.99	20	2022-07-13 00:00:00.0	O39
40	140	S04	11.99	19	2022-07-13 00:00:00.0	O40
41	141	S04	11.99	18	2022-07-13 00:00:00.0	O41
42	142	S04	11.99	17	2022-07-15 00:00:00.0	042
43	143	S04	11.99	16	2022-07-14 00:00:00.0	O43
44	144	S04	11.99	15	2022-07-14 00:00:00.0	O44
45	145	S04	11.99	14	2022-08-14 00:00:00.0	O45
46	146	S04	11.99	13	2022-08-15 00:00:00.0	O46
47	147	S04	11.99	12	2022-08-15 00:00:00.0	O47
48	148	S04	11.99	11	2022-08-18 00:00:00.0	O48

49	149	S04	11.99	10	2022-08-16 00:00:00.0	O49
50	150	S04	11.99	9	2022-08-16 00:00:00.0	O50
51	151	S04	11.99	100	2022-08-18 00:00:00.0	O51
52	152	S04	11.99	7	2022-08-17 00:00:00.0	O52
53	153	S04	11.99	6	2022-08-17 00:00:00.0	O53
54	154	S04	11.99	5	2022-08-18 00:00:00.0	O54
55	155	S04	11.99	4	2022-08-18 00:00:00.0	O55
56	156	S04	11.99	3	2022-08-18 00:00:00.0	O56
57	157	S04	11.99	2	2022-08-18 00:00:00.0	O57
58	158	S04	11.99	1	2022-08-19 00:00:00.0	O58
59	159	S03	8.99	19	2022-08-19 00:00:00.0	O59
60	160	S03	8.99	18	2022-08-25 00:00:00.0	O60
61	161	S03	8.99	17	2022-08-20 00:00:00.0	O61
62	162	S03	8.99	16	2022-08-20 00:00:00.0	O62
63	163	S03	8.99	15	2022-08-25 00:00:00.0	O63
64	164	S03	8.99	14	2022-08-21 00:00:00.0	O64
65	165	S03	8.99	13	2022-08-21 00:00:00.0	O65
66	166	S03	8.99	12	2022-08-25 00:00:00.0	O66
67	167	S03	8.99	11	2022-08-22 00:00:00.0	O67
68	168	S03	8.99	10	2022-08-22 00:00:00.0	O68
69	169	S03	8.99	9	2022-08-25 00:00:00.0	O69
70	170	S03	8.99	8	2022-08-23 00:00:00.0	O70
71	171	S03	8.99	7	2022-08-23 00:00:00.0	071
72	172	S03	8.99	6	2022-08-24 00:00:00.0	072
73	173	S03	8.99	5	2022-08-24 00:00:00.0	073
74	174	S03	8.99	4	2022-08-25 00:00:00.0	O74
75	175	S03	8.99	3	2022-08-28 00:00:00.0	O75
76	176	S03	8.99	2	2022-08-26 00:00:00.0	O76
77	177	S03	8.99	1	2022-08-26 00:00:00.0	077
78	178	S02	9.99	14	2022-08-28 00:00:00.0	O78
79	179	S02	9.99	13	2022-08-28 00:00:00.0	O79
80	180	S02	9.99	12	2022-08-28 00:00:00.0	O80
81	181	S02	9.99	11	2022-08-28 00:00:00.0	O81
82	182	S02	9.99	10	2022-08-29 00:00:00.0	O82
83	183	S02	9.99	9	2022-08-29 00:00:00.0	O83
84	184	S02	9.99	8	2022-08-30 00:00:00.0	O84
85	185	S02	9.99	7	2022-08-30 00:00:00.0	O85
86	186	S02	9.99	6	2022-09-02 00:00:00.0	O86
87	187	S02	9.99	5	2022-09-02 00:00:00.0	O87
88	188	S09	12.99	50	NULL	O88

15.ORDER_ITEM_STATUS

1 IO1 2022-06-03 00:00:00:00 Delivered 2 IO2 2022-06-03 00:00:00:00 Delivered 3 IO3 2022-06-04 00:00:00:00 Delivered 4 IO4 2022-06-04 00:00:00:00 Delivered 5 IO5 2022-06-04 00:00:00:00 Delivered 6 IO6 2022-06-04 00:00:00:00 Delivered 7 IO7 2022-06-04 00:00:00:00 Delivered 8 IO8 2022-06-05 00:00:00:00 Delivered 9 IO9 2022-06-05 00:00:00:00 Delivered 10 II10 2022-06-08 00:00:00:00 Delivered 11 II1 2022-06-08 00:00:00:00 Delivered 12 II2 2022-06-08 00:00:00:00 Delivered 13 II3 2022-06-08 00:00:00:00 Delivered 14 II4 2022-07-06 00:00:00:00 Delivered 15 II5 2022-07-06 00:00:00:00 Delivered 16 II6 II6 2022-07-09 00:00:00:00 Delivered		Item_ID	Date	State
103	1	101	2022-06-03 00:00:00.000	Delivered
104 2022-06-04 00:00:00.000 Delivered	2	102	2022-06-03 00:00:00.000	Delivered
5 105 2022-06-04 00:00:00.000 Delivered 6 106 2022-06-04 00:00:00.000 Delivered 7 107 2022-06-04 00:00:00.000 Delivered 8 108 2022-06-05 00:00:00.000 Delivered 9 109 2022-06-05 00:00:00.000 Delivered 10 110 2022-06-05 00:00:00.000 Delivered 11 111 2022-06-08 00:00:00.000 Delivered 12 112 2022-06-08 00:00:00.000 Delivered 13 113 2022-06-06 00:00:00.000 Delivered 14 114 2022-06-11 00:00:00.000 Delivered 15 115 2022-07-06 00:00:00.000 Delivered 16 116 2022-07-07 00:00:00.000 Delivered 17 117 2022-07-07 00:00:00.000 Delivered 19 119 2022-07-07 00:00:00.000 Delivered 20 120 2022-07-07 00:00:00.000 Delivered 21 121 2022-07-08 00:00:00.000 Delivered	3	103	2022-06-04 00:00:00.000	Delivered
6	4	104	2022-06-04 00:00:00.000	Delivered
7 107 2022-06-04 00:00:00.000 Delivered 8 108 2022-06-07 00:00:00.000 Delivered 9 109 2022-06-05 00:00:00.000 Delivered 10 110 2022-06-08 00:00:00.000 Delivered 11 111 2022-06-08 00:00:00.000 Delivered 12 112 2022-06-08 00:00:00.000 Delivered 13 113 2022-06-06 00:00:00.000 Delivered 14 114 2022-07-06 00:00:00.000 Delivered 15 115 2022-07-06 00:00:00.000 Delivered 16 116 2022-07-06 00:00:00.000 Delivered 17 117 2022-07-07 00:00:00.000 Delivered 18 118 2022-07-07 00:00:00.000 Delivered 20 120 2022-07-07 00:00:00.000 Delivered 21 121 2022-07-08 00:00:00.000 Delivered 22 122 2022-07-08 00:00:00.000 Delivered 23 123 2022-07-10 00:00:00.000 Delivered	5	105	2022-06-04 00:00:00.000	Delivered
8 108 2022-06-07 00:00:00.000 Delivered 9 109 2022-06-05 00:00:00.000 Delivered 10 110 2022-06-08 00:00:00.000 Delivered 11 111 2022-06-08 00:00:00.000 Delivered 12 112 2022-06-08 00:00:00.000 Delivered 13 113 2022-06-06 00:00:00.000 Delivered 14 114 2022-07-06 00:00:00.000 Delivered 15 115 2022-07-06 00:00:00.000 Delivered 16 116 2022-07-06 00:00:00.000 Delivered 17 117 2022-07-07 00:00:00.000 Delivered 18 118 2022-07-07 00:00:00.000 Delivered 19 119 2022-07-07 00:00:00.000 Delivered 20 120 2022-07-08 00:00:00.000 Delivered 21 121 2022-07-08 00:00:00.000 Delivered 22 122 2022-07-08 00:00:00.000 Delivered 23 123 2022-07-08 00:00:00.000 Delivered 25 125 2022-07-10 00:00:00.000 Delivered </td <td>6</td> <td>106</td> <td>2022-06-04 00:00:00.000</td> <td>Delivered</td>	6	106	2022-06-04 00:00:00.000	Delivered
9 109 2022-06-05 00:00:00.000 Delivered 10 110 2022-06-05 00:00:00.000 Delivered 11 111 2022-06-08 00:00:00.000 Delivered 12 112 2022-06-08 00:00:00.000 Delivered 13 113 2022-06-06 00:00:00.000 Delivered 14 114 2022-06-11 00:00:00.000 Delivered 15 115 2022-07-06 00:00:00.000 Delivered 16 116 2022-07-06 00:00:00.000 Delivered 17 117 2022-07-07 00:00:00.000 Delivered 18 118 2022-07-07 00:00:00.000 Delivered 19 119 2022-07-07 00:00:00.000 Delivered 20 120 2022-07-11 00:00:00.000 Delivered 21 121 2022-07-08 00:00:00.000 Delivered 22 122 2022-07-08 00:00:00.000 Delivered 23 123 2022-07-08 00:00:00.000 Delivered 24 124 2022-07-11 00:00:00.000 Delivered 25 125 2022-07-08 00:00:00.000 Delivered 26 126 2022-07-09 00:00:00.000 Delivered 27 127 2022-07-09 00:00:00.000 Delivered 28 128 2022-07-09 00:00:00.000 Delivered 29 129 2022-07-10 00:00:00.000 Delivered 30 130 2022-07-10 00:00:00.000 Delivered 31 131 2022-07-10 00:00:00.000 Delivered 32 132 2022-07-10 00:00:00.000 Delivered 33 133 2022-07-10 00:00:00.000 Delivered 34 134 2022-07-10 00:00:00.000 Delivered	7	107	2022-06-04 00:00:00.000	Delivered
10 I10 2022-06-05 00:00:00.000 Delivered 11 I11 2022-06-08 00:00:00.000 Delivered 12 I12 2022-06-08 00:00:00.000 Delivered 13 I13 2022-06-06 00:00:00.000 Delivered 14 I14 2022-07-06 00:00:00.000 Returned 15 I15 2022-07-06 00:00:00.000 Delivered 16 I16 2022-07-07 00:00:00.000 Delivered 17 I17 2022-07-07 00:00:00.000 Delivered 18 I18 2022-07-07 00:00:00.000 Delivered 19 I19 2022-07-07 00:00:00.000 Delivered 20 I20 2022-07-11 00:00:00.000 Delivered 21 I21 2022-07-08 00:00:00.000 Delivered 22 I22 2022-07-08 00:00:00.000 Delivered 23 I23 2022-07-08 00:00:00.000 Delivered 24 I24 2022-07-08 00:00:00.000 Delivered 25 I25 2022-07-09 00:00:00.000 Delivered <td>8</td> <td>108</td> <td>2022-06-07 00:00:00.000</td> <td>Delivered</td>	8	108	2022-06-07 00:00:00.000	Delivered
11 I11 2022-06-08 00:00:00.000 Delivered 12 I12 2022-06-08 00:00:00.000 Delivered 13 I13 2022-06-06 00:00:00.000 Delivered 14 I14 2022-06-11 00:00:00.000 Returned 15 I15 2022-07-06 00:00:00.000 Delivered 16 I16 2022-07-07 00:00:00.000 Delivered 17 I17 2022-07-07 00:00:00.000 Delivered 18 I18 2022-07-07 00:00:00.000 Delivered 19 I19 2022-07-07 00:00:00.000 Delivered 20 I20 2022-07-10 00:00:00.000 Delivered 21 I21 2022-07-08 00:00:00.000 Delivered 22 I22 2022-07-08 00:00:00.000 Delivered 23 I23 2022-07-08 00:00:00.000 Delivered 24 I24 2022-07-10 00:00:00.000 Delivered 25 I25 2022-07-09 00:00:00.000 Delivered 26 I26 2022-07-09 00:00:00.000 Delivered <td>9</td> <td>109</td> <td>2022-06-05 00:00:00.000</td> <td>Delivered</td>	9	109	2022-06-05 00:00:00.000	Delivered
12 I12 2022-06-08 00:00:00.000 Delivered 13 I13 2022-06-06 00:00:00.000 Delivered 14 I14 2022-06-11 00:00:00.000 Returned 15 I15 2022-07-06 00:00:00.000 Delivered 16 I16 2022-07-06 00:00:00.000 Delivered 17 I17 2022-07-07 00:00:00.000 Delivered 18 I18 2022-07-07 00:00:00.000 Delivered 19 I19 2022-07-07 00:00:00.000 Delivered 20 I20 2022-07-11 00:00:00.000 Delivered 21 I21 2022-07-08 00:00:00.000 Delivered 22 I22 2022-07-08 00:00:00.000 Delivered 23 I23 2022-07-08 00:00:00.000 Delivered 24 I24 2022-07-11 00:00:00.000 Delivered 25 I25 2022-07-09 00:00:00.000 Delivered 26 I26 2022-07-09 00:00:00.000 Delivered 27 I27 2022-07-10 00:00:00.000 Delivered <td>10</td> <td>I10</td> <td>2022-06-05 00:00:00.000</td> <td>Delivered</td>	10	I10	2022-06-05 00:00:00.000	Delivered
13 I13 2022-06-06 00:00:00.000 Delivered 14 I14 2022-06-11 00:00:00.000 Returned 15 I15 2022-07-06 00:00:00.000 Delivered 16 I16 2022-07-06 00:00:00.000 Delivered 17 I17 2022-07-07 00:00:00.000 Delivered 18 I18 2022-07-07 00:00:00.000 Delivered 19 I19 2022-07-07 00:00:00.000 Delivered 20 I20 2022-07-11 00:00:00.000 Delivered 21 I21 2022-07-08 00:00:00.000 Delivered 22 I22 2022-07-08 00:00:00.000 Delivered 23 I23 2022-07-08 00:00:00.000 Delivered 24 I24 2022-07-11 00:00:00.000 Delivered 25 I25 2022-07-99 00:00:00.000 Delivered 26 I26 2022-07-09 00:00:00.000 Delivered 27 I27 2022-07-09 00:00:00.000 Delivered 29 I29 2022-07-10 00:00:00.000 Delivered <td>11</td> <td>I11</td> <td>2022-06-08 00:00:00.000</td> <td>Delivered</td>	11	I11	2022-06-08 00:00:00.000	Delivered
14 I14 2022-06-11 00:00:00.000 Returned 15 I15 2022-07-06 00:00:00.000 Delivered 16 I16 2022-07-06 00:00:00.000 Delivered 17 I17 2022-07-07 00:00:00.000 Delivered 18 I18 2022-07-07 00:00:00.000 Delivered 19 I19 2022-07-07 00:00:00.000 Delivered 20 I20 2022-07-11 00:00:00.000 Delivered 21 I21 2022-07-08 00:00:00.000 Delivered 22 I22 2022-07-08 00:00:00.000 Delivered 23 I23 2022-07-08 00:00:00.000 Delivered 24 I24 2022-07-08 00:00:00.000 Delivered 25 I25 2022-07-10 00:00:00.000 Delivered 26 I26 2022-07-09 00:00:00.000 Delivered 27 I27 2022-07-09 00:00:00.000 Delivered 29 I29 2022-07-10 00:00:00.000 Delivered 30 I30 2022-07-10 00:00:00.000 Delivered <td>12</td> <td>I12</td> <td>2022-06-08 00:00:00.000</td> <td>Delivered</td>	12	I12	2022-06-08 00:00:00.000	Delivered
15 I15 2022-07-06 00:00:00.000 Delivered 16 I16 2022-07-06 00:00:00.000 Delivered 17 I17 2022-07-07 00:00:00.000 Delivered 18 I18 2022-07-07 00:00:00.000 Delivered 19 I19 2022-07-07 00:00:00.000 Delivered 20 I20 2022-07-11 00:00:00.000 Delivered 21 I21 2022-07-08 00:00:00.000 Delivered 22 I22 2022-07-08 00:00:00.000 Delivered 23 I23 2022-07-08 00:00:00.000 Delivered 24 I24 2022-07-10 00:00:00.000 Delivered 25 I25 2022-07-10 00:00:00.000 Delivered 26 I26 2022-07-09 00:00:00.000 Delivered 27 I27 2022-07-09 00:00:00.000 Delivered 29 I29 2022-07-10 00:00:00.000 Delivered 30 I30 2022-07-10 00:00:00.000 Delivered 31 I31 2022-07-10 00:00:00.000 Delivered </td <td>13</td> <td>113</td> <td>2022-06-06 00:00:00.000</td> <td>Delivered</td>	13	113	2022-06-06 00:00:00.000	Delivered
16 116 2022-07-06 00:00:00:00.000 Delivered 17 117 2022-07-07 00:00:00.000 Delivered 18 118 2022-07-07 00:00:00.000 Delivered 19 119 2022-07-07 00:00:00.000 Delivered 20 120 2022-07-11 00:00:00.000 Delivered 21 121 2022-07-08 00:00:00.000 Delivered 22 122 2022-07-08 00:00:00.000 Delivered 23 123 2022-07-08 00:00:00.000 Returned 24 124 2022-07-11 00:00:00.000 Delivered 25 125 2022-07-09 00:00:00.000 Delivered 26 126 2022-07-09 00:00:00.000 Delivered 27 127 2022-07-09 00:00:00.000 Delivered 29 129 2022-07-10 00:00:00.000 Delivered 30 130 2022-07-10 00:00:00.000 Delivered 31 131 2022-07-10 00:00:00.000 Delivered 32 132 2022-07-10 00:00:00.000 Delivered	14	I14	2022-06-11 00:00:00.000	Returned
17 117 2022-07-07 00:00:00.000 Delivered 18 118 2022-07-07 00:00:00.000 Delivered 19 119 2022-07-07 00:00:00.000 Delivered 20 120 2022-07-11 00:00:00.000 Delivered 21 121 2022-07-08 00:00:00.000 Delivered 22 122 2022-07-08 00:00:00.000 Delivered 23 123 2022-07-08 00:00:00.000 Returned 24 124 2022-07-11 00:00:00.000 Delivered 25 125 2022-07-09 00:00:00.000 Delivered 26 126 2022-07-09 00:00:00.000 Delivered 27 127 2022-07-09 00:00:00.000 Delivered 28 128 2022-07-10 00:00:00.000 Delivered 29 129 2022-07-10 00:00:00.000 Delivered 30 130 2022-07-10 00:00:00.000 Delivered 31 131 2022-07-10 00:00:00.000 Delivered 32 132 2022-07-10 00:00:00.000 Delivered 34 134 2022-07-11 00:00:00.000 Delivered <	15	I15	2022-07-06 00:00:00.000	Delivered
18 I18 2022-07-07 00:00:00.000 Delivered 19 I19 2022-07-07 00:00:00.000 Delivered 20 I20 2022-07-11 00:00:00.000 Delivered 21 I21 2022-07-08 00:00:00.000 Delivered 22 I22 2022-07-08 00:00:00.000 Delivered 23 I23 2022-07-08 00:00:00.000 Returned 24 I24 2022-07-11 00:00:00.000 Delivered 25 I25 2022-07-09 00:00:00.000 Delivered 26 I26 2022-07-09 00:00:00.000 Delivered 27 I27 2022-07-09 00:00:00.000 Delivered 28 I28 2022-07-10 00:00:00.000 Delivered 29 I29 2022-07-10 00:00:00.000 Delivered 30 I30 2022-07-10 00:00:00.000 Delivered 31 I31 2022-07-10 00:00:00.000 Delivered 32 I32 2022-07-10 00:00:00.000 Delivered 33 I33 2022-07-13 00:00:00.000 Delivered 34 I34 2022-07-11 00:00:00.000 Delivered <	16	I16	2022-07-06 00:00:00.000	Delivered
19 I19 2022-07-07 00:00:00.000 Delivered 20 I20 2022-07-11 00:00:00.000 Delivered 21 I21 2022-07-08 00:00:00.000 Delivered 22 I22 2022-07-08 00:00:00.000 Delivered 23 I23 2022-07-08 00:00:00.000 Returned 24 I24 2022-07-11 00:00:00.000 Delivered 25 I25 2022-07-09 00:00:00.000 Delivered 26 I26 2022-07-09 00:00:00.000 Delivered 27 I27 2022-07-09 00:00:00.000 Delivered 28 I28 2022-07-10 00:00:00.000 Delivered 29 I29 2022-07-10 00:00:00.000 Delivered 30 I30 2022-07-10 00:00:00.000 Delivered 31 I31 2022-07-10 00:00:00.000 Delivered 32 I32 2022-07-10 00:00:00.000 Delivered 33 I33 2022-07-13 00:00:00.000 Delivered 34 I34 2022-07-11 00:00:00.000 Delivered	17	I17	2022-07-07 00:00:00.000	Delivered
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21 I21 2022-07-08 00:00:00.000 Delivered 22 I22 2022-07-08 00:00:00.000 Delivered 23 I23 2022-07-08 00:00:00.000 Returned 24 I24 2022-07-11 00:00:00.000 Delivered 25 I25 2022-07-09 00:00:00.000 Delivered 26 I26 2022-07-09 00:00:00.000 Delivered 27 I27 2022-07-09 00:00:00.000 Delivered 28 I28 2022-07-10 00:00:00.000 Delivered 29 I29 2022-07-10 00:00:00.000 Delivered 30 I30 2022-07-10 00:00:00.000 Delivered 31 I31 2022-07-10 00:00:00.000 Delivered 32 I32 2022-07-10 00:00:00.000 Delivered 33 I33 2022-07-13 00:00:00.000 Delivered 34 I34 2022-07-11 00:00:00.000 Delivered	19	I19	2022-07-07 00:00:00.000	Delivered
22 I22 2022-07-08 00:00:00.000 Delivered 23 I23 2022-07-08 00:00:00.000 Returned 24 I24 2022-07-11 00:00:00.000 Delivered 25 I25 2022-07-09 00:00:00.000 Delivered 26 I26 2022-07-09 00:00:00.000 Delivered 27 I27 2022-07-09 00:00:00.000 Delivered 28 I28 2022-07-10 00:00:00.000 Delivered 29 I29 2022-07-10 00:00:00.000 Delivered 30 I30 2022-07-10 00:00:00.000 Delivered 31 I31 2022-07-10 00:00:00.000 Delivered 32 I32 2022-07-10 00:00:00.000 Delivered 33 I33 2022-07-13 00:00:00.000 Delivered 34 I34 2022-07-11 00:00:00.000 Delivered	20	120	2022-07-11 00:00:00.000	Delivered
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24 I24 2022-07-11 00:00:00.000 Delivered 25 I25 2022-07-09 00:00:00.000 Delivered 26 I26 2022-07-09 00:00:00.000 Delivered 27 I27 2022-07-09 00:00:00.000 Delivered 28 I28 2022-07-10 00:00:00.000 Delivered 29 I29 2022-07-10 00:00:00.000 Delivered 30 I30 2022-07-10 00:00:00.000 Delivered 31 I31 2022-07-10 00:00:00.000 Delivered 32 I32 2022-07-10 00:00:00.000 Delivered 33 I33 2022-07-13 00:00:00.000 Delivered 34 I34 2022-07-11 00:00:00.000 Delivered	22	122	2022-07-08 00:00:00.000	Delivered
25 I25 2022-07-09 00:00:00.000 Delivered 26 I26 2022-07-09 00:00:00.000 Delivered 27 I27 2022-07-09 00:00:00.000 Delivered 28 I28 2022-07-10 00:00:00.000 Delivered 29 I29 2022-07-10 00:00:00.000 Delivered 30 I30 2022-07-10 00:00:00.000 Delivered 31 I31 2022-07-10 00:00:00.000 Delivered 32 I32 2022-07-10 00:00:00.000 Delivered 33 I33 2022-07-13 00:00:00.000 Delivered 34 I34 2022-07-11 00:00:00.000 Delivered	23	123	2022-07-08 00:00:00.000	Returned
26 I26 2022-07-09 00:00:00.000 Delivered 27 I27 2022-07-09 00:00:00.000 Delivered 28 I28 2022-07-10 00:00:00.000 Delivered 29 I29 2022-07-10 00:00:00.000 Delivered 30 I30 2022-07-10 00:00:00.000 Delivered 31 I31 2022-07-10 00:00:00.000 Delivered 32 I32 2022-07-10 00:00:00.000 Delivered 33 I33 2022-07-13 00:00:00.000 Delivered 34 I34 2022-07-11 00:00:00.000 Delivered	24	124	2022-07-11 00:00:00.000	Delivered
27 I27 2022-07-09 00:00:00.000 Delivered 28 I28 2022-07-10 00:00:00.000 Delivered 29 I29 2022-07-10 00:00:00.000 Delivered 30 I30 2022-07-10 00:00:00.000 Delivered 31 I31 2022-07-10 00:00:00.000 Delivered 32 I32 2022-07-10 00:00:00.000 Delivered 33 I33 2022-07-13 00:00:00.000 Delivered 34 I34 2022-07-11 00:00:00.000 Delivered	25	125	2022-07-09 00:00:00.000	Delivered
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29 I29 2022-07-10 00:00:00.000 Delivered 30 I30 2022-07-10 00:00:00.000 Delivered 31 I31 2022-07-10 00:00:00.000 Delivered 32 I32 2022-07-10 00:00:00.000 Delivered 33 I33 2022-07-13 00:00:00.000 Delivered 34 I34 2022-07-11 00:00:00.000 Delivered	27	127	2022-07-09 00:00:00.000	Delivered
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34 I34 2022-07-11 00:00:00.000 Delivered	32	132	2022-07-10 00:00:00.000	Delivered
	33	133	2022-07-13 00:00:00.000	Delivered
35 I35 2022-07-11 00:00:00.000 Delivered	34	134	2022-07-11 00:00:00.000	Delivered
	35	135	2022-07-11 00:00:00.000	Delivered

36 I36 2022-07-13 00:00:00.000 Delivered 37 I37 2022-07-12 00:00:00:00 Delivered 38 I38 2022-07-12 00:00:00:00 Delivered 39 I39 2022-07-13 00:00:00:00 Delivered 40 I40 2022-07-13 00:00:00.000 Delivered 41 I41 2022-07-15 00:00:00.000 Delivered 42 I42 2022-07-14 00:00:00.000 Delivered 43 I43 2022-07-14 00:00:00.000 Delivered 44 I44 2022-08-14 00:00:00.000 Delivered 45 I45 2022-08-14 00:00:00.000 Delivered 46 I46 2022-08-15 00:00:00.000 Delivered 47 I47 2022-08-16 00:00:00.000 Delivered 48 I48 2022-08-18 00:00:00.000 Delivered 50 I50 2022-08-18 00:00:00.000 Delivered 51 I51 2022-08-18 00:00:00.000 Delivered 52 I52 2022-08-18 00:00:00.000 Delivered				
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39 39 2022-07-13 00:00:00.000 Delivered 40 140 2022-07-13 00:00:00.000 Delivered 41 141 2022-07-15 00:00:00.000 Delivered 42 142 2022-07-14 00:00:00.000 Delivered 43 143 2022-07-14 00:00:00.000 Delivered 44 144 2022-07-14 00:00:00.000 Delivered 45 145 2022-08-14 00:00:00.000 Delivered 46 146 2022-08-15 00:00:00.000 Delivered 47 147 2022-08-15 00:00:00.000 Delivered 48 148 2022-08-18 00:00:00.000 Delivered 49 149 2022-08-18 00:00:00.000 Delivered 50 150 2022-08-16 00:00:00.000 Delivered 51 151 2022-08-18 00:00:00.000 Delivered 52 152 2022-08-17 00:00:00.000 Delivered 53 153 2022-08-18 00:00:00.000 Delivered 54 154 2022-08-18 00:00:00.000 Delivered 55 155 2022-08-18 00:00:00.000 Delivered 56 156 2022-08-18 00:00:00.000 Delivered 57 157 2022-08-18 00:00:00.000 Delivered 58 158 2022-08-18 00:00:00.000 Delivered 59 159 2022-08-18 00:00:00.000 Delivered 60 160 2022-08-25 00:00:00.000 Delivered 61 161 2022-08-20 00:00:00.000 Delivered 62 162 2022-08-20 00:00:00.000 Delivered 63 163 2022-08-20 00:00:00.000 Delivered 64 164 2022-08-20 00:00:00.000 Delivered 65 165 2022-08-20 00:00:00.000 Delivered 66 166 2022-08-20 00:00:00.000 Delivered 67 167 2022-08-20 00:00:00.000 Delivered 68 168 2022-08-22 00:00:00.000 Delivered 69 169 2022-08-22 00:00:00.000 Delivered 60 160 2022-08-22 00:00:00.000 Delivered 60 160 2022-08-22 00:00:00.000 Delivered 60 161 161 2022-08-22 00:00:00.000 Delivered 60 166 2022-08-22 00:00:00.000 Delivered 60 166 2022-08-22 00:00:00.000 Delivered	37	137	2022-07-12 00:00:00.000	Delivered
40 I40 2022-07-13 00:00:00.000 Delivered 141 I41 2022-07-13 00:00:00.000 Delivered 142 I42 2022-07-14 00:00:00.000 Returned 143 I43 2022-07-14 00:00:00.000 Delivered 144 I44 2022-08-14 00:00:00.000 Delivered 145 I45 2022-08-14 00:00:00.000 Delivered 146 I46 2022-08-15 00:00:00.000 Delivered 147 I47 2022-08-15 00:00:00.000 Delivered 148 I48 2022-08-15 00:00:00.000 Delivered 149 I49 2022-08-16 00:00:00.000 Delivered 150 2022-08-18 00:00:00.000 Delivered 151 I51 2022-08-18 00:00:00.000 Delivered 152 2022-08-17 00:00:00.000 Delivered 153 2022-08-17 00:00:00.000 Delivered 154 2022-08-18 00:00:00.000 Delivered 154 2022-08-18 00:00:00.000 Delivered 155 2022-08-18 00:00:00.000 Delivered 156 2022-08-18 00:00:00.000 Delivered 157 I57 2022-08-18 00:00:00.000 Delivered 158 2022-08-18 00:00:00.000 Delivered 158 2022-08-18 00:00:00.000 Delivered 159 2022-08-18 00:00:00.000 Delivered 160 2022-08-19 00:00:00.000 Delivered 161 2022-08-19 00:00:00.000 Delivered 161 2022-08-20 00:00:00.000 Delivered 161 2022-08-20 00:00:00.000 Delivered 162 2022-08-20 00:00:00.000 Delivered 164 2022-08-20 00:00:00.000 Delivered 164 164 2022-08-20 00:00:00.000 Delivered 165 165 2022-08-20 00:00:00.000 Delivered 166 166 2022-08-20 00:00:00.000 Delivered 167 167 2022-08-20 00:00:00.000 Delivered 167 167 2022-08-20 00:00:00.000 Delivered 168 168 2022-08-22 00:00:00.000 Delivered 169 169 2022-08-22 00:00:00.000 Delivered 169 169 2022-08-22 00:00:00.000 Delivered 169 169 2022-08-22 00:00:00.000 Delivered 160 160 2022-08-22 00:00:00.000 Delive	38	138	2022-07-12 00:00:00.000	Delivered
41 I41 2022-07-13 00:00:00.000 Delivered 42 I42 2022-07-15 00:00:00.000 Returned 43 I43 2022-07-14 00:00:00.000 Delivered 44 I44 2022-08-14 00:00:00.000 Delivered 45 I45 2022-08-15 00:00:00.000 Delivered 46 I46 2022-08-15 00:00:00.000 Delivered 47 I47 2022-08-16 00:00:00.000 Delivered 48 I48 2022-08-18 00:00:00.000 Delivered 49 I49 2022-08-16 00:00:00.000 Delivered 50 I50 2022-08-16 00:00:00.000 Delivered 51 I51 2022-08-18 00:00:00.000 Delivered 52 I52 2022-08-18 00:00:00.000 Delivered 53 I53 2022-08-18 00:00:00.000 Delivered 54 I54 2022-08-18 00:00:00.000 Delivered 55 I55 2022-08-18 00:00:00.000 Delivered 56 I56 2022-08-19 00:00:00.000 Delivered <td>39</td> <td>139</td> <td>2022-07-13 00:00:00.000</td> <td>Delivered</td>	39	139	2022-07-13 00:00:00.000	Delivered
42 142 2022-07-15 00:00:00.000 Returned 43 143 2022-07-14 00:00:00.000 Delivered 44 144 2022-08-15 00:00:00.000 Delivered 45 145 2022-08-15 00:00:00.000 Delivered 46 146 2022-08-15 00:00:00.000 Delivered 47 147 2022-08-15 00:00:00.000 Delivered 48 148 2022-08-18 00:00:00.000 Delivered 49 149 2022-08-16 00:00:00.000 Delivered 50 150 2022-08-18 00:00:00.000 Delivered 51 151 2022-08-18 00:00:00.000 Delivered 52 152 2022-08-17 00:00:00.000 Delivered 53 153 2022-08-17 00:00:00.000 Delivered 54 154 2022-08-18 00:00:00.000 Delivered 55 155 2022-08-18 00:00:00.000 Delivered 56 156 2022-08-18 00:00:00.000 Delivered 57 157 2022-08-18 00:00:00.000 Delivered 58 158 2022-08-18 00:00:00.000 Delivered 59 159 2022-08-19 00:00:00.000 Delivered 60 160 2022-08-25 00:00:00.000 Delivered 61 161 2022-08-20 00:00:00.000 Delivered 62 162 2022-08-20 00:00:00.000 Delivered 63 163 2022-08-20 00:00:00.000 Delivered 64 164 2022-08-21 00:00:00.000 Delivered 65 165 2022-08-20 00:00:00.000 Delivered 66 166 2022-08-21 00:00:00.000 Delivered 67 167 2022-08-22 00:00:00.000 Delivered 68 168 2022-08-22 00:00:00.000 Delivered 69 169 2022-08-22 00:00:00.000 Delivered 69 169 2022-08-23 00:00:00.000 Delivered 69 169 2022-08-23 00:00:00.000 Delivered	40	140	2022-07-13 00:00:00.000	Delivered
143	41	I41	2022-07-13 00:00:00.000	Delivered
44 I44 2022-07-14 00:00:00.000 Delivered 45 I45 2022-08-14 00:00:00.000 Delivered 46 I46 2022-08-15 00:00:00.000 Delivered 47 I47 2022-08-15 00:00:00.000 Delivered 48 I48 2022-08-18 00:00:00.000 Delivered 49 I49 2022-08-16 00:00:00.000 Delivered 50 I50 2022-08-16 00:00:00.000 Delivered 51 I51 2022-08-18 00:00:00.000 Delivered 52 I52 2022-08-17 00:00:00.000 Delivered 53 I53 2022-08-18 00:00:00.000 Delivered 54 I54 2022-08-18 00:00:00.000 Delivered 55 I55 2022-08-18 00:00:00.000 Delivered 56 I56 2022-08-18 00:00:00.000 Delivered 57 I57 2022-08-18 00:00:00.000 Delivered 59 I59 2022-08-19 00:00:00.000 Delivered 60 I60 2022-08-20 00:00:00.000 Delivered </td <td>42</td> <td>142</td> <td>2022-07-15 00:00:00.000</td> <td>Returned</td>	42	142	2022-07-15 00:00:00.000	Returned
45 145 2022-08-14 00:00:00.000 Delivered 146 146 2022-08-15 00:00:00.000 Delivered 147 147 2022-08-15 00:00:00.000 Delivered 148 148 2022-08-18 00:00:00.000 Delivered 149 149 2022-08-16 00:00:00.000 Delivered 150 2022-08-16 00:00:00.000 Delivered 151 2022-08-18 00:00:00.000 Delivered 152 152 2022-08-17 00:00:00.000 Delivered 153 153 2022-08-17 00:00:00.000 Delivered 154 2022-08-18 00:00:00.000 Delivered 155 156 2022-08-18 00:00:00.000 Delivered 156 156 2022-08-18 00:00:00.000 Delivered 156 156 2022-08-18 00:00:00.000 Delivered 157 157 2022-08-18 00:00:00.000 Delivered 158 158 2022-08-19 00:00:00.000 Delivered 159 159 2022-08-19 00:00:00.000 Delivered 161 2022-08-25 00:00:00.000 Delivered 161 2022-08-25 00:00:00.000 Delivered 162 162 2022-08-20 00:00:00.000 Delivered 163 163 2022-08-25 00:00:00.000 Delivered 164 164 2022-08-25 00:00:00.000 Delivered 165 165 2022-08-21 00:00:00.000 Delivered 166 166 2022-08-25 00:00:00.000 Delivered 166 166 2022-08-25 00:00:00.000 Delivered 167 167 2022-08-22 00:00:00.000 Delivered 168 168 2022-08-22 00:00:00.000 Delivered 169 169 2022-08-25 00:00:00.000 Delivered 160 160 2022-08-25 00:0	43	143	2022-07-14 00:00:00.000	Delivered
46 I46 2022-08-15 00:00:00.000 Delivered 47 I47 2022-08-15 00:00:00.000 Delivered 48 I48 2022-08-18 00:00:00.000 Delivered 49 I49 2022-08-16 00:00:00.000 Delivered 50 I50 2022-08-16 00:00:00.000 Delivered 51 I51 2022-08-18 00:00:00.000 Delivered 52 I52 2022-08-17 00:00:00.000 Delivered 53 I53 2022-08-18 00:00:00.000 Delivered 54 I54 2022-08-18 00:00:00.000 Delivered 55 I55 2022-08-18 00:00:00.000 Delivered 56 I56 2022-08-18 00:00:00.000 Delivered 57 I57 2022-08-18 00:00:00.000 Delivered 59 I59 2022-08-19 00:00:00.000 Delivered 60 I60 2022-08-25 00:00:00.000 Delivered 61 I61 2022-08-25 00:00:00.000 Delivered 62 I62 2022-08-25 00:00:00.000 Delivered </td <td>44</td> <td>144</td> <td>2022-07-14 00:00:00.000</td> <td>Delivered</td>	44	144	2022-07-14 00:00:00.000	Delivered
47 I47 2022-08-15 00:00:00.000 Delivered 48 I48 2022-08-18 00:00:00.000 Delivered 49 I49 2022-08-16 00:00:00.000 Delivered 50 I50 2022-08-16 00:00:00.000 Delivered 51 I51 2022-08-18 00:00:00.000 Delivered 52 I52 2022-08-17 00:00:00.000 Delivered 53 I53 2022-08-17 00:00:00.000 Delivered 54 I54 2022-08-18 00:00:00.000 Delivered 55 I55 2022-08-18 00:00:00.000 Delivered 56 I56 2022-08-18 00:00:00.000 Delivered 57 I57 2022-08-19 00:00:00.000 Delivered 59 I59 2022-08-19 00:00:00.000 Delivered 60 I60 2022-08-25 00:00:00.000 Delivered 61 I61 2022-08-20 00:00:00.000 Delivered 62 I62 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered </td <td>45</td> <td>145</td> <td>2022-08-14 00:00:00.000</td> <td>Delivered</td>	45	145	2022-08-14 00:00:00.000	Delivered
48 I48 2022-08-18 00:00:00.000 Delivered 49 I49 2022-08-16 00:00:00.000 Delivered 50 I50 2022-08-16 00:00:00.000 Delivered 51 I51 2022-08-18 00:00:00.000 Delivered 52 I52 2022-08-17 00:00:00.000 Delivered 53 I53 2022-08-18 00:00:00.000 Delivered 54 I54 2022-08-18 00:00:00.000 Delivered 55 I55 2022-08-18 00:00:00.000 Delivered 56 I56 2022-08-18 00:00:00.000 Delivered 57 I57 2022-08-18 00:00:00.000 Delivered 58 I58 2022-08-19 00:00:00.000 Delivered 59 I59 2022-08-19 00:00:00.000 Delivered 60 I60 2022-08-25 00:00:00.000 Delivered 61 I61 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered 64 I64 2022-08-21 00:00:00.000 Delivered </td <td>46</td> <td>146</td> <td>2022-08-15 00:00:00.000</td> <td>Delivered</td>	46	146	2022-08-15 00:00:00.000	Delivered
49	47	147	2022-08-15 00:00:00.000	Delivered
50 I50 2022-08-16 00:00:00:00.000 Delivered 51 I51 2022-08-18 00:00:00.000 Delivered 52 I52 2022-08-17 00:00:00.000 Delivered 53 I53 2022-08-17 00:00:00.000 Delivered 54 I54 2022-08-18 00:00:00.000 Delivered 55 I55 2022-08-18 00:00:00.000 Delivered 56 I56 2022-08-18 00:00:00.000 Delivered 57 I57 2022-08-18 00:00:00.000 Delivered 58 I58 2022-08-19 00:00:00.000 Delivered 59 I59 2022-08-19 00:00:00.000 Delivered 60 I60 2022-08-25 00:00:00.000 Delivered 61 I61 2022-08-25 00:00:00.000 Delivered 62 I62 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered 64 I64 2022-08-21 00:00:00.000 Delivered 65 I65 2022-08-25 00:00:00.000 Delivered	48	148	2022-08-18 00:00:00.000	Delivered
51 I51 2022-08-18 00:00:00.000 Delivered 52 I52 2022-08-17 00:00:00.000 Delivered 53 I53 2022-08-17 00:00:00.000 Delivered 54 I54 2022-08-18 00:00:00.000 Delivered 55 I55 2022-08-18 00:00:00.000 Delivered 56 I56 2022-08-18 00:00:00.000 Delivered 57 I57 2022-08-18 00:00:00.000 Delivered 58 I58 2022-08-19 00:00:00.000 Delivered 59 I59 2022-08-19 00:00:00.000 Delivered 60 I60 2022-08-25 00:00:00.000 Delivered 61 I61 2022-08-20 00:00:00.000 Delivered 62 I62 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered 64 I64 2022-08-21 00:00:00.000 Delivered 65 I65 2022-08-25 00:00:00.000 Delivered 66 I66 2022-08-25 00:00:00.000 Delivered </td <td>49</td> <td>149</td> <td>2022-08-16 00:00:00.000</td> <td>Delivered</td>	49	149	2022-08-16 00:00:00.000	Delivered
52 I52 2022-08-17 00:00:00.000 Delivered 53 I53 2022-08-17 00:00:00.000 Delivered 54 I54 2022-08-18 00:00:00.000 Delivered 55 I55 2022-08-18 00:00:00.000 Delivered 56 I56 2022-08-18 00:00:00.000 Delivered 57 I57 2022-08-18 00:00:00.000 Delivered 58 I58 2022-08-19 00:00:00.000 Delivered 59 I59 2022-08-19 00:00:00.000 Delivered 60 I60 2022-08-25 00:00:00.000 Delivered 61 I61 2022-08-20 00:00:00.000 Delivered 62 I62 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered 64 I64 2022-08-21 00:00:00.000 Delivered 65 I65 2022-08-25 00:00:00.000 Delivered 66 I66 2022-08-25 00:00:00.000 Delivered 67 I67 2022-08-25 00:00:00.000 Delivered </td <td>50</td> <td>150</td> <td>2022-08-16 00:00:00.000</td> <td>Delivered</td>	50	150	2022-08-16 00:00:00.000	Delivered
53 153 2022-08-17 00:00:00.000 Delivered 54 154 2022-08-18 00:00:00.000 Delivered 55 155 2022-08-18 00:00:00.000 Delivered 56 156 2022-08-18 00:00:00.000 Delivered 57 157 2022-08-18 00:00:00.000 Delivered 58 158 2022-08-19 00:00:00.000 Delivered 59 159 2022-08-19 00:00:00.000 Delivered 60 160 2022-08-25 00:00:00.000 Delivered 61 161 2022-08-20 00:00:00.000 Delivered 62 162 2022-08-20 00:00:00.000 Delivered 63 163 2022-08-25 00:00:00.000 Delivered 64 164 2022-08-25 00:00:00.000 Delivered 65 165 2022-08-21 00:00:00.000 Delivered 66 166 2022-08-25 00:00:00.000 Delivered 67 167 2022-08-22 00:00:00.000 Delivered 69 169 2022-08-25 00:00:00.000 Delivered </td <td>51</td> <td>151</td> <td>2022-08-18 00:00:00.000</td> <td>Delivered</td>	51	151	2022-08-18 00:00:00.000	Delivered
54 I54 2022-08-18 00:00:00.000 Delivered 55 I55 2022-08-18 00:00:00.000 Delivered 56 I56 2022-08-18 00:00:00.000 Delivered 57 I57 2022-08-18 00:00:00.000 Delivered 58 I58 2022-08-19 00:00:00.000 Delivered 59 I59 2022-08-19 00:00:00.000 Delivered 60 I60 2022-08-25 00:00:00.000 Delivered 61 I61 2022-08-20 00:00:00.000 Delivered 62 I62 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered 64 I64 2022-08-21 00:00:00.000 Delivered 65 I65 2022-08-21 00:00:00.000 Delivered 66 I66 2022-08-22 00:00:00.000 Delivered 67 I67 2022-08-22 00:00:00.000 Delivered 69 I69 2022-08-25 00:00:00.000 Delivered 70 I70 2022-08-23 00:00:00.000 Delivered </td <td>52</td> <td>152</td> <td>2022-08-17 00:00:00.000</td> <td>Delivered</td>	52	152	2022-08-17 00:00:00.000	Delivered
55 I55 2022-08-18 00:00:00.000 Delivered 56 I56 2022-08-18 00:00:00.000 Delivered 57 I57 2022-08-18 00:00:00.000 Delivered 58 I58 2022-08-19 00:00:00.000 Delivered 59 I59 2022-08-19 00:00:00.000 Delivered 60 I60 2022-08-25 00:00:00.000 Delivered 61 I61 2022-08-20 00:00:00.000 Delivered 62 I62 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered 64 I64 2022-08-21 00:00:00.000 Delivered 65 I65 2022-08-21 00:00:00.000 Delivered 66 I66 2022-08-22 00:00:00.000 Delivered 67 I67 2022-08-22 00:00:00.000 Delivered 69 I69 2022-08-25 00:00:00.000 Delivered 70 I70 2022-08-23 00:00:00.000 Delivered	53	153	2022-08-17 00:00:00.000	Delivered
56 I56 2022-08-18 00:00:00.000 Delivered 57 I57 2022-08-18 00:00:00.000 Delivered 58 I58 2022-08-19 00:00:00.000 Delivered 59 I59 2022-08-19 00:00:00.000 Delivered 60 I60 2022-08-25 00:00:00.000 Delivered 61 I61 2022-08-20 00:00:00.000 Delivered 62 I62 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered 64 I64 2022-08-21 00:00:00.000 Delivered 65 I65 2022-08-21 00:00:00.000 Delivered 66 I66 2022-08-25 00:00:00.000 Delivered 67 I67 2022-08-22 00:00:00.000 Delivered 69 I69 2022-08-25 00:00:00.000 Delivered 70 I70 2022-08-23 00:00:00.000 Delivered	54	154	2022-08-18 00:00:00.000	Delivered
57 157 2022-08-18 00:00:00.000 Delivered 58 158 2022-08-19 00:00:00.000 Delivered 59 159 2022-08-19 00:00:00.000 Delivered 60 160 2022-08-25 00:00:00.000 Delivered 61 161 2022-08-20 00:00:00.000 Delivered 62 162 2022-08-20 00:00:00.000 Delivered 63 163 2022-08-25 00:00:00.000 Delivered 64 164 2022-08-21 00:00:00.000 Delivered 65 165 2022-08-21 00:00:00.000 Delivered 66 166 2022-08-25 00:00:00.000 Delivered 67 167 2022-08-22 00:00:00.000 Delivered 69 169 2022-08-25 00:00:00.000 Delivered 70 170 2022-08-23 00:00:00.000 Delivered	55	155	2022-08-18 00:00:00.000	Delivered
58 I58 2022-08-19 00:00:00.000 Delivered 59 I59 2022-08-19 00:00:00.000 Delivered 60 I60 2022-08-25 00:00:00.000 Delivered 61 I61 2022-08-20 00:00:00.000 Delivered 62 I62 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered 64 I64 2022-08-21 00:00:00.000 Delivered 65 I65 2022-08-21 00:00:00.000 Delivered 66 I66 2022-08-25 00:00:00.000 Delivered 67 I67 2022-08-22 00:00:00.000 Delivered 69 I69 2022-08-25 00:00:00.000 Delivered 70 I70 2022-08-23 00:00:00.000 Delivered	56	156	2022-08-18 00:00:00.000	Delivered
59 159 2022-08-19 00:00:00.000 Delivered 60 160 2022-08-25 00:00:00.000 Delivered 61 161 2022-08-20 00:00:00.000 Delivered 62 162 2022-08-20 00:00:00.000 Delivered 63 163 2022-08-25 00:00:00.000 Delivered 64 164 2022-08-21 00:00:00.000 Delivered 65 165 2022-08-21 00:00:00.000 Returned 66 166 2022-08-25 00:00:00.000 Delivered 67 167 2022-08-22 00:00:00.000 Delivered 68 168 2022-08-22 00:00:00.000 Delivered 69 169 2022-08-25 00:00:00.000 Delivered 70 170 2022-08-23 00:00:00.000 Delivered	57	157	2022-08-18 00:00:00.000	Delivered
60 I60 2022-08-25 00:00:00.000 Delivered 61 I61 2022-08-20 00:00:00.000 Delivered 62 I62 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered 64 I64 2022-08-21 00:00:00.000 Delivered 65 I65 2022-08-21 00:00:00.000 Returned 66 I66 2022-08-25 00:00:00.000 Delivered 67 I67 2022-08-22 00:00:00.000 Delivered 68 I68 2022-08-22 00:00:00.000 Delivered 69 I69 2022-08-25 00:00:00.000 Delivered 70 I70 2022-08-23 00:00:00.000 Delivered	58	158	2022-08-19 00:00:00.000	Delivered
61 I61 2022-08-20 00:00:00.000 Delivered 62 I62 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered 64 I64 2022-08-21 00:00:00.000 Delivered 65 I65 2022-08-21 00:00:00.000 Returned 66 I66 2022-08-25 00:00:00.000 Delivered 67 I67 2022-08-22 00:00:00.000 Delivered 68 I68 2022-08-22 00:00:00.000 Delivered 69 I69 2022-08-25 00:00:00.000 Delivered 70 I70 2022-08-23 00:00:00.000 Delivered	59	159	2022-08-19 00:00:00.000	Delivered
62 I62 2022-08-20 00:00:00.000 Delivered 63 I63 2022-08-25 00:00:00.000 Delivered 64 I64 2022-08-21 00:00:00.000 Delivered 65 I65 2022-08-21 00:00:00.000 Returned 66 I66 2022-08-25 00:00:00.000 Delivered 67 I67 2022-08-22 00:00:00.000 Delivered 68 I68 2022-08-22 00:00:00.000 Delivered 69 I69 2022-08-25 00:00:00.000 Delivered 70 I70 2022-08-23 00:00:00.000 Delivered	60	160	2022-08-25 00:00:00.000	Delivered
63 163 2022-08-25 00:00:00.000 Delivered 64 164 2022-08-21 00:00:00.000 Delivered 65 165 2022-08-21 00:00:00.000 Returned 66 166 2022-08-25 00:00:00.000 Delivered 67 167 2022-08-22 00:00:00.000 Delivered 68 168 2022-08-22 00:00:00.000 Delivered 69 169 2022-08-25 00:00:00.000 Delivered 70 170 2022-08-23 00:00:00.000 Delivered	61	161	2022-08-20 00:00:00.000	Delivered
64 164 2022-08-21 00:00:00.000 Delivered 65 165 2022-08-21 00:00:00.000 Returned 66 166 2022-08-25 00:00:00.000 Delivered 67 167 2022-08-22 00:00:00.000 Delivered 68 168 2022-08-22 00:00:00.000 Delivered 69 169 2022-08-25 00:00:00.000 Delivered 70 170 2022-08-23 00:00:00.000 Delivered	62	162	2022-08-20 00:00:00.000	Delivered
65 165 2022-08-21 00:00:00.000 Returned 66 166 2022-08-25 00:00:00.000 Delivered 67 167 2022-08-22 00:00:00.000 Delivered 68 168 2022-08-22 00:00:00.000 Delivered 69 169 2022-08-25 00:00:00.000 Delivered 70 170 2022-08-23 00:00:00.000 Delivered	63	163	2022-08-25 00:00:00.000	Delivered
66 166 2022-08-25 00:00:00.000 Delivered 67 167 2022-08-22 00:00:00.000 Delivered 68 168 2022-08-22 00:00:00.000 Delivered 69 169 2022-08-25 00:00:00.000 Delivered 70 170 2022-08-23 00:00:00.000 Delivered	64	164	2022-08-21 00:00:00.000	Delivered
67	65	165	2022-08-21 00:00:00.000	Returned
68	66	166	2022-08-25 00:00:00.000	Delivered
69 169 2022-08-25 00:00:00.000 Delivered 70 170 2022-08-23 00:00:00.000 Delivered	67	167	2022-08-22 00:00:00.000	Delivered
70 170 2022-08-23 00:00:00.000 Delivered	68	168	2022-08-22 00:00:00.000	Delivered
	69	169	2022-08-25 00:00:00.000	Delivered
71 171 2022-08-23 00:00:00.000 Delivered	70	170	2022-08-23 00:00:00.000	Delivered
	71	171	2022-08-23 00:00:00.000	Delivered

72	172	2022-08-24 00:00:00.000	Delivered
73	173	2022-08-24 00:00:00.000	Delivered
74	174	2022-08-25 00:00:00.000	Delivered
75	175	2022-08-28 00:00:00.000	Delivered
76	176	2022-08-26 00:00:00.000	Delivered
77	177	2022-08-26 00:00:00.000	Delivered
78	178	2022-08-28 00:00:00.000	Delivered
79	179	2022-08-28 00:00:00.000	Delivered
80	180	2022-08-28 00:00:00.000	Returned
81	I81	2022-08-28 00:00:00.000	Delivered
82	182	2022-08-29 00:00:00.000	Delivered
83	183	2022-08-29 00:00:00.000	Delivered
84	184	2022-08-30 00:00:00.000	Delivered
85	185	2022-08-30 00:00:00.000	Delivered
86	186	2022-09-02 00:00:00.000	Being Proce
87	187	2022-09-02 00:00:00.000	Being Proce
88	188	2022-09-03 00:00:00.000	Shipping

16. CUSTOMER_FEEDBACK

	ItemID	CID	DateTime	Comment	Rating
1	I01	C01	2022-06-30 00:00:00.000	NULL	NULL
2	102	C02	2022-06-30 00:00:00.000	NULL	NULL
3	103	C03	2022-06-30 00:00:00.000	Good!	4
4	104	C04	2022-06-30 00:00:00.000	Great!	5
5	105	C05	2022-06-30 00:00:00.000	NULL	NULL
6	106	C01	2022-06-30 00:00:00.000	Great!	5
7	107	C01	2022-06-30 00:00:00.000	Great!	5
8	108	C01	2022-06-30 00:00:00.000	Great!	5
9	109	C01	2022-06-30 00:00:00.000	Great!	5
10	I10	C05	2022-06-30 00:00:00.000	Great!	5
11	I11	C01	2022-06-30 00:00:00.000	Great!	5
12	l12	C01	2022-06-30 00:00:00.000	Great!	5
13	I13	C01	2022-06-30 00:00:00.000	Great!	5
14	I14	C01	2022-06-30 00:00:00.000	Great!	5
15	I15	C01	2022-07-30 00:00:00.000	Great!	5
16	I16	C05	2022-07-30 00:00:00.000	Great!	5
17	I17	C05	2022-07-30 00:00:00.000	Great!	5
18	I18	C05	2022-07-30 00:00:00.000	Great!	5
19	I19	C05	2022-07-30 00:00:00.000	Great!	5
20	120	C05	2022-07-30 00:00:00.000	Great!	5
21	I21	C05	2022-07-30 00:00:00.000	Great!	5
22	122	C05	2022-07-30 00:00:00.000	Great!	5
23	123	C05	2022-07-30 00:00:00.000	Great!	5
24	124	C05	2022-07-30 00:00:00.000	Great!	5
25	125	C05	2022-07-30 00:00:00.000	Great!	5
26	126	C05	2022-07-30 00:00:00.000	Great!	5
27	127	C05	2022-07-30 00:00:00.000	Great!	5
28	128	C05	2022-07-30 00:00:00.000	Great!	5
29	129	C05	2022-07-30 00:00:00.000	Great!	5
30	130	C05	2022-07-30 00:00:00.000	Great!	5
31	131	C05	2022-07-30 00:00:00.000	Great!	5
32	132	C05	2022-07-30 00:00:00.000	Great!	5
33	133	C05	2022-07-30 00:00:00.000	Great!	5
34	134	C05	2022-07-30 00:00:00.000	Great!	5
35	135	C05	2022-07-30 00:00:00.000	Great!	5

36	136	C05	2022-07-30 00:00:00.000	Great!	5
37	137	C05	2022-07-30 00:00:00.000	Great!	5
38	138	C05	2022-07-30 00:00:00.000	Great!	5
39	139	C05	2022-07-30 00:00:00.000	Great!	5
40	140	C05	2022-07-30 00:00:00.000	Great!	5
41	I41	C05	2022-07-30 00:00:00.000	Great!	5
42	142	C05	2022-07-30 00:00:00.000	Great!	5
43	143	C05	2022-07-30 00:00:00.000	Great!	5
44	144	C05	2022-07-30 00:00:00.000	Great!	5
45	145	C05	2022-08-30 00:00:00.000	Great!	5
46	146	C05	2022-08-30 00:00:00.000	Great!	5
47	147	C05	2022-08-30 00:00:00.000	Great!	5
48	I48	C05	2022-08-30 00:00:00.000	Great!	5
49	149	C05	2022-08-30 00:00:00.000	Great!	5
50	150	C05	2022-08-30 00:00:00.000	Great!	5
51	151	C05	2022-08-30 00:00:00.000	Great!	5
52	152	C05	2022-08-30 00:00:00.000	Great!	5
53	153	C05	2022-08-30 00:00:00.000	Great!	5
54	154	C05	2022-08-30 00:00:00.000	Great!	5
55	155	C05	2022-08-30 00:00:00.000	Great!	5
56	156	C05	2022-08-30 00:00:00.000	Great!	5
57	157	C05	2022-08-30 00:00:00.000	Great!	5
58	158	C05	2022-08-30 00:00:00.000	Great!	5
59	159	C05	2022-08-30 00:00:00.000	Great!	5
60	160	C05	2022-08-30 00:00:00.000	Great!	5
61	I61	C05	2022-08-30 00:00:00.000	Great!	5
62	162	C05	2022-08-30 00:00:00.000	Great!	5
63	163	C05	2022-08-30 00:00:00.000	Great!	5
64	164	C05	2022-08-30 00:00:00.000	Great!	5
65	165	C05	2022-08-30 00:00:00.000	Great!	5
66	166	C05	2022-08-30 00:00:00.000	Great!	5
67	167	C05	2022-08-30 00:00:00.000	Great!	5
68	168	C05	2022-08-30 00:00:00.000	Great!	5
69	169	C05	2022-08-30 00:00:00.000	Great!	5
70	170	C05	2022-08-30 00:00:00.000	Great!	5
71	171	C05	2022-08-30 00:00:00.000	Great!	5

72	172	C05	2022-08-30 00:00:00.000	Great!	5
73	173	C05	2022-08-30 00:00:00.000	Great!	5
74	174	C05	2022-08-30 00:00:00.000	Great!	5
75	175	C05	2022-08-30 00:00:00.000	Great!	5
76	176	C05	2022-08-30 00:00:00.000	Great!	5
77	177	C05	2022-08-30 00:00:00.000	Great!	5
78	178	C05	2022-08-30 00:00:00.000	Great!	5
79	179	C05	2022-08-30 00:00:00.000	Great!	5
80	180	C05	2022-08-30 00:00:00.000	Great!	5
81	181	C05	2022-08-30 00:00:00.000	Great!	5
82	182	C05	2022-08-30 00:00:00.000	Great!	5
83	183	C05	2022-08-30 00:00:00.000	Great!	5
84	184	C05	2022-08-30 00:00:00.000	Great!	5
85	185	C05	2022-08-30 00:00:00.000	Great!	5
86	186	C05	2022-08-30 00:00:00.000	Great!	5
87	187	C05	2022-08-30 00:00:00.000	Great!	5

17. CUSTOMER_ORDERS

	OrderID	CID
1	O01	C01
2	O02	C02
3	O03	C03
4	O04	C04
5	O05	C05
6	O06	C01
7	O07	C01
8	O08	C01
9	O09	C01
10	O10	C05
11	O11	C01
12	O12	C01
13	O13	C01
14	O14	C01
15	O15	C01
16	O16	C05
17	O17	C05
18	O18	C05
19	O19	C05
20	O20	C05
21	O21	C05
22	O22	C05
23	O23	C05
24	O24	C05
25	O25	C05
26	O26	C05
27	O27	C05
28	O28	C05
29	O29	C05
30	O30	C05
31	O31	C05
32	O32	C05
33	O33	C05
34	O34	C05
35	O35	C05

36	O36	C05
37	O37	C05
38	O38	C05
39	O39	C05
40	O40	C05
41	O41	C05
42	O42	C05
43	O43	C05
44	O44	C05
45	O45	C05
46	O46	C05
47	O47	C05
48	O48	C05
49	O49	C05
50	O50	C05
51	O51	C05
52	O52	C05
53	O53	C05
54	O54	C05
55	O55	C05
56	O56	C05
57	O57	C05
58	O58	C05
59	O59	C05
60	O60	C05
61	O61	C05
62	O62	C05
63	O63	C05
64	O64	C05
65	O65	C05
66	O66	C05
67	O67	C05
68	O68	C05
69	O69	C05
70	O70	C05
71	O71	C05

72	O72	C05
73	O73	C05
74	O74	C05
75	O75	C05
76	O76	C05
77	077	C05
78	O78	C05
79	O79	C05
80	O80	C05
81	O81	C05
82	O82	C05
83	O83	C05
84	O84	C05
85	O85	C05
86	O86	C05
87	O87	C05

Any additional efforts:

- Since not every customer complained about every item they bought, and as ItemID is globally unique, we additionally established a second table named CUSTOMER FEEDBACKS by decomposition. Only one feedback will be connected with it on the feedback database,
- 2. Since certain queries may be performed again with different values for attribute, we generated views for some of the queries. As a result, employing a view enhances the database. For example, in query 7, we created 2 additional views noisy_customer and stocks_bought_by_noisy in order to visualize the publications bought by the customer with the most complaints before getting our results.
- 3. We populated the tables using large amounts of realistic data, also used multiple value insertion technique.
- 4. Used constraints to ensure the validity of our data. For example, for PRICE_HISTORY, we made sure that Start_date is not later than End_date.

Appendix C - Individual Contribution Form

Full Name	Individual Contributions to Lab 5 Submission	Percentage Of Contribution	Signature
Weng Pei He	Help make the group project report and formulate/brainstorm about the queries.	16.67%	Pei He
Tan Jui Kit Justin	Help make the group project report and formulate/brainstorm about the queries.	16.67%	Justin
Oza Tirth Tusharbhai	Help make the group project report and formulate/brainstorm about the queries.	16.67%	Tirth
Yang Yichen	Help make the group project report and formulate/brainstorm about the queries.	16.67%	Yichen
Lim Zheng Yong Shawn	Help make the group project report and formulate/brainstorm about the queries.	16.67%	Shawn
Yap Shen Hwei	Help make the group project report and formulate/brainstorm about the queries.	16.67%	Shen Hwei