Assignment 5:

1) Create a view displaying the order information (Id, Title, Price, Shopper's name, Email, Orderdate, Status) with latest ordered items should be displayed first for last 60 days.
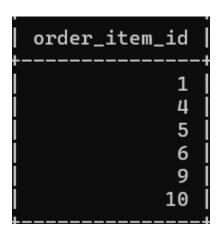
```
// order_item
// orders
// users
// product
//  order_status   ( already pasted in previous table)

CREATE VIEW recent_orders AS
SELECT
        oi.order_item_id,
        p.price ,
        p.product_name,
        u.user_id,
        u.email_id,
        o.order_date,
        os.status
FROM
   Order_item oi
INNER JOIN
   Orders o ON o.order_id = oi.order_id
INNER JOIN
   Users u ON u.user_id = o.user_id
INNER JOIN
   Product p ON p.order_item_id = oi.order_item_id
INNER JOIN
   Order_status os ON os.order_item_id = oi.order_item_id
WHERE
   o.order_date > NOW() - INTERVAL 60 DAY
ORDER BY
   o.order_date;
```

// recent_orders (view)

order_item_id	product_name	price	user_id	email_id	order_date	status
1	iPhone 13	1000	1	john.doe@example.com	2025-03-24 17:28:32	SHIPPED
2	MacBook Air	1500	2	jane.smith@example.com	2025-03-24 17:28:32	CANCELED
3	Men's T-Shirt	20	3	alice.jones@example.com	2025-03-24 17:28:32	RETURNED
4	Women's Dress	50	4	bob.brown@example.com	2025-03-24 17:28:32	SHIPPED
5	Blender	45	5	charlie.davis@example.com	2025-03-24 17:28:32	SHIPPED
6	Novel - XYZ	10	6	emily.wilson@example.com	2025-03-24 17:28:32	SHIPPED
7	Biography - ABC	15	7	daniel.lee@example.com	2025-03-24 17:28:32	CANCELED
8	Dumbbells	30	8	olivia.moore@example.com	2025-03-24 17:28:32	RETURNED
9	Tent	100	9	henry.taylor@example.com	2025-03-24 17:28:32	SHIPPED
10	Study Desk	200	10	sophia.anderson@example.com	2025-03-24 17:28:32	SHIPPED

2) Use the above view to display the Products(Items) which are in 'shipped' state.

SELECT order_item_id
FROM recent_orders
WHERE status = 'SHIPPED';

order_item_id
1
4
5
6
9
10

3) Use the above view to display the top 5 most selling products.

```
SELECT
    ro.product_name,
    SUM(oi.quantity_added) AS TotalQuantity
FROM
    recent_order ro
INNER JOIN
    Order_item oi ON oi.order_item_id = ro.order_item_id
GROUP BY
    ro.product_name
ORDER BY
    TotalQuantity DESC
LIMIT 5;
```

```
+----------------+----------------+
| product_name   | TotalQuantity  |
+----------------+----------------+
| MacBook Air    |             5  |
| Novel - XYZ    |             4  |
| Dumbbells      |             3  |
| Blender        |             3  |
| iPhone 13      |             2  |
+----------------+----------------+
```