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USE amazon_practice_db
----- INNER JOIN-----
SELECT
    u.name AS User_Name,
    o.order_id,
    o.order_date,
    p.name AS Product_Name,
    od.quantity
FROM
    Users u
INNER JOIN
    Orders o ON u.user_id = o.user_id
INNER JOIN
    OrderDetails od ON o.order_id = od.order_id
INNER JOIN
    Products p ON od.product_id = p.product_id;

-----LEFT JOIN -----
-----Retrieves all rows from the left table and matching rows from the
right table-----
    u.name,
    ua.street,
    ua.city
FROM
    Users u
LEFT JOIN
    UserAddress ua ON u.user_id = ua.user_id;

-----RIGHT JOIN-----
-----Similar to LEFT JOIN, but retrieves all rows from the right
table and matching rows from the left table-----
SELECT
    p.name AS Product_Name,
    pr.rating
FROM
    Products p
RIGHT JOIN
    ProductRatings pr ON p.product_id = pr.product_id;

-----CROSS JOIN-----
-----
SELECT
    u.name,
    p.name
FROM
    Users u
CROSS JOIN
    Products p;

-----FULL JOIN-----
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-----FULL JOIN with your USERS and ORDERS
tables-----

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SELECT
    Users.user_id, Users.name, Users.email, Orders.order_id,
Orders.order_date, Orders.total_amount
FROM
    Users
LEFT JOIN
    Orders ON Users.user_id = Orders.user_id
UNION
SELECT
    Users.user_id, Users.name, Users.email, Orders.order_id,
Orders.order_date, Orders.total_amount
FROM
    Users
RIGHT JOIN
    Orders ON Users.user_id = Orders.user_id;

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-----Full Join Orders and OrderDetails-----

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SELECT
    Orders.order_id, Orders.order_date, Orders.total_amount,
OrderDetails.product_id, OrderDetails.quantity
FROM
    Orders
LEFT JOIN
    OrderDetails ON Orders.order_id = OrderDetails.order_id
UNION
SELECT
    Orders.order_id, Orders.order_date, Orders.total_amount,
OrderDetails.product_id, OrderDetails.quantity
FROM
    Orders
RIGHT JOIN
    OrderDetails ON Orders.order_id = OrderDetails.order_id;

```

-----Full Join OrderDetails and Products -----

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SELECT
    OrderDetails.order_id, OrderDetails.product_id, OrderDetails.quantity,
Products.name, Products.price
FROM
    OrderDetails
LEFT JOIN
    Products ON OrderDetails.product_id = Products.product_id
UNION
SELECT
    OrderDetails.order_id, OrderDetails.product_id, OrderDetails.quantity,
Products.name, Products.price
FROM
    OrderDetails
RIGHT JOIN
    Products ON OrderDetails.product_id = Products.product_id;

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```
-----Full Join  Users and UserAddress -----  
---  
SELECT  
    Users.user_id, Users.name, UserAddress.street, UserAddress.city,  
UserAddress.state, UserAddress.zip_code  
FROM  
    Users  
LEFT JOIN  
    UserAddress ON Users.user_id = UserAddress.user_id  
UNION  
SELECT  
    Users.user_id, Users.name, UserAddress.street, UserAddress.city,  
UserAddress.state, UserAddress.zip_code  
FROM  
    Users  
RIGHT JOIN  
    UserAddress ON Users.user_id = UserAddress.user_id;
```