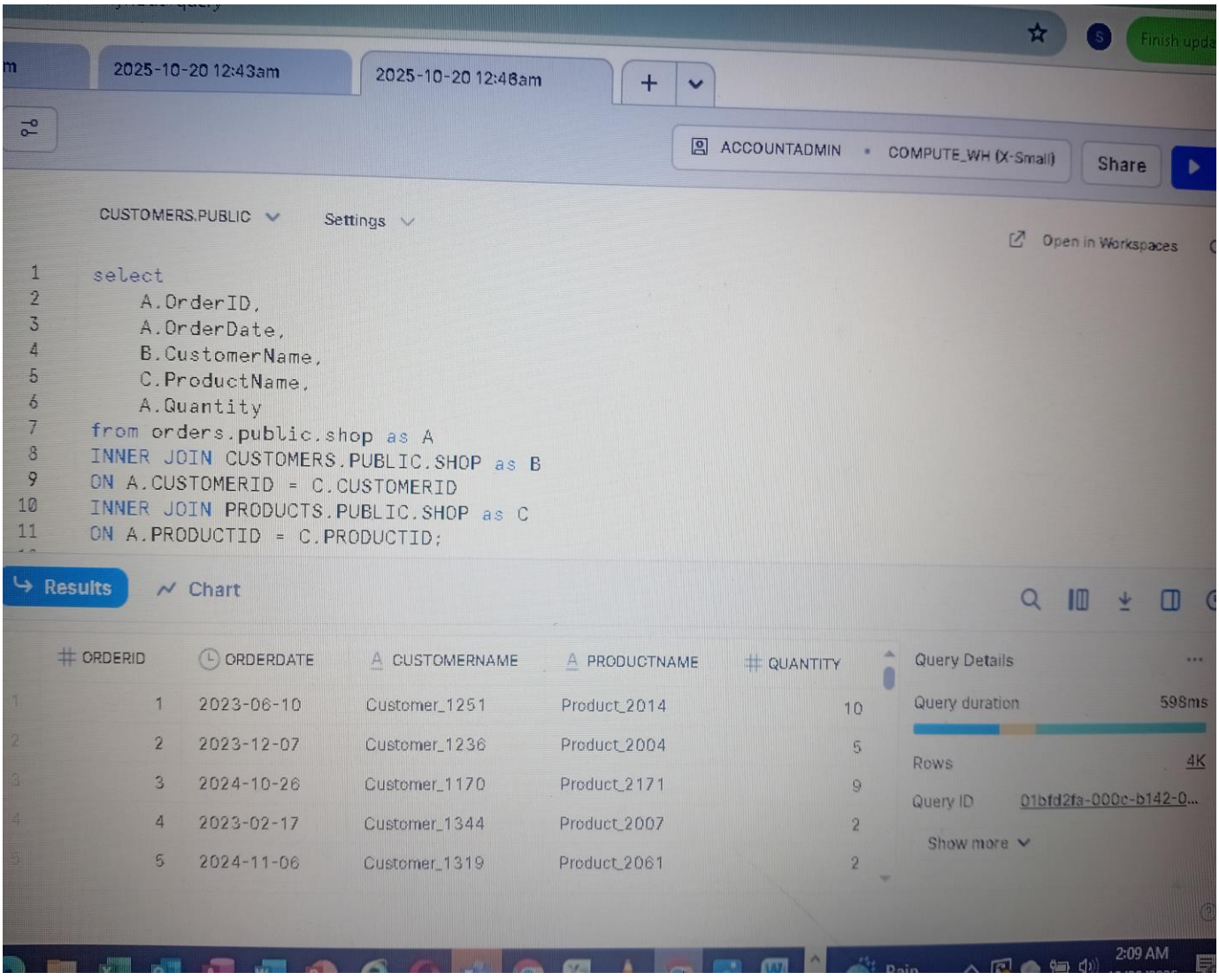
PRACTICAL 1 SQL JOINS

Question: Which customers have placed at least one order

EXPECTED OUTPUT COLUMNS

ORDERID,ORDERDATE, CUSTOMERNAME, COUNTRY,ORDERID,ORDERDATE



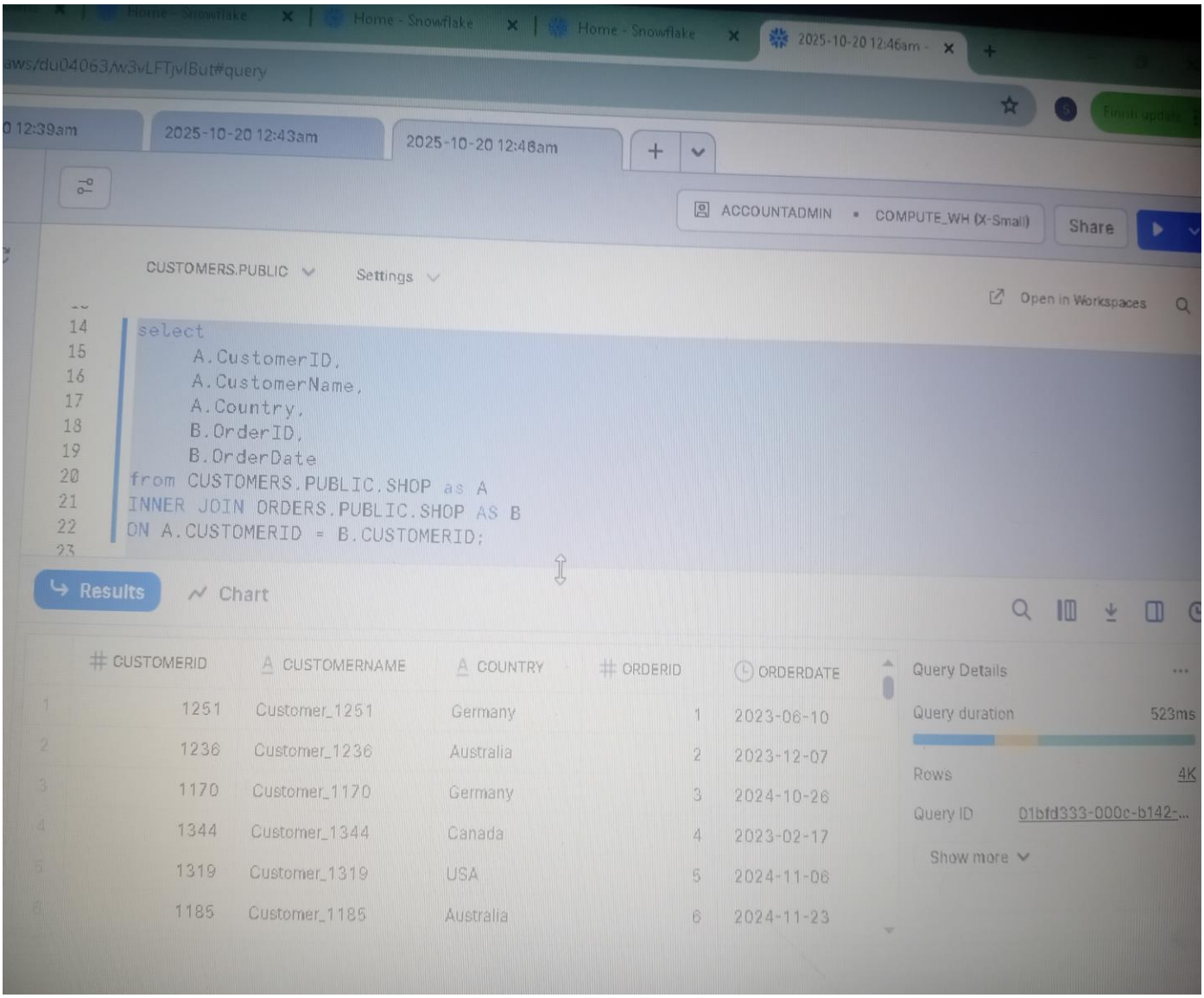
2 INNER JOIN: Customers who place orders

Question:

Which customers have placed at least one order

EXPECTED OUTPUT COLUMNS

CustomerID, CustomerName, Country, OrderID, OrderDate

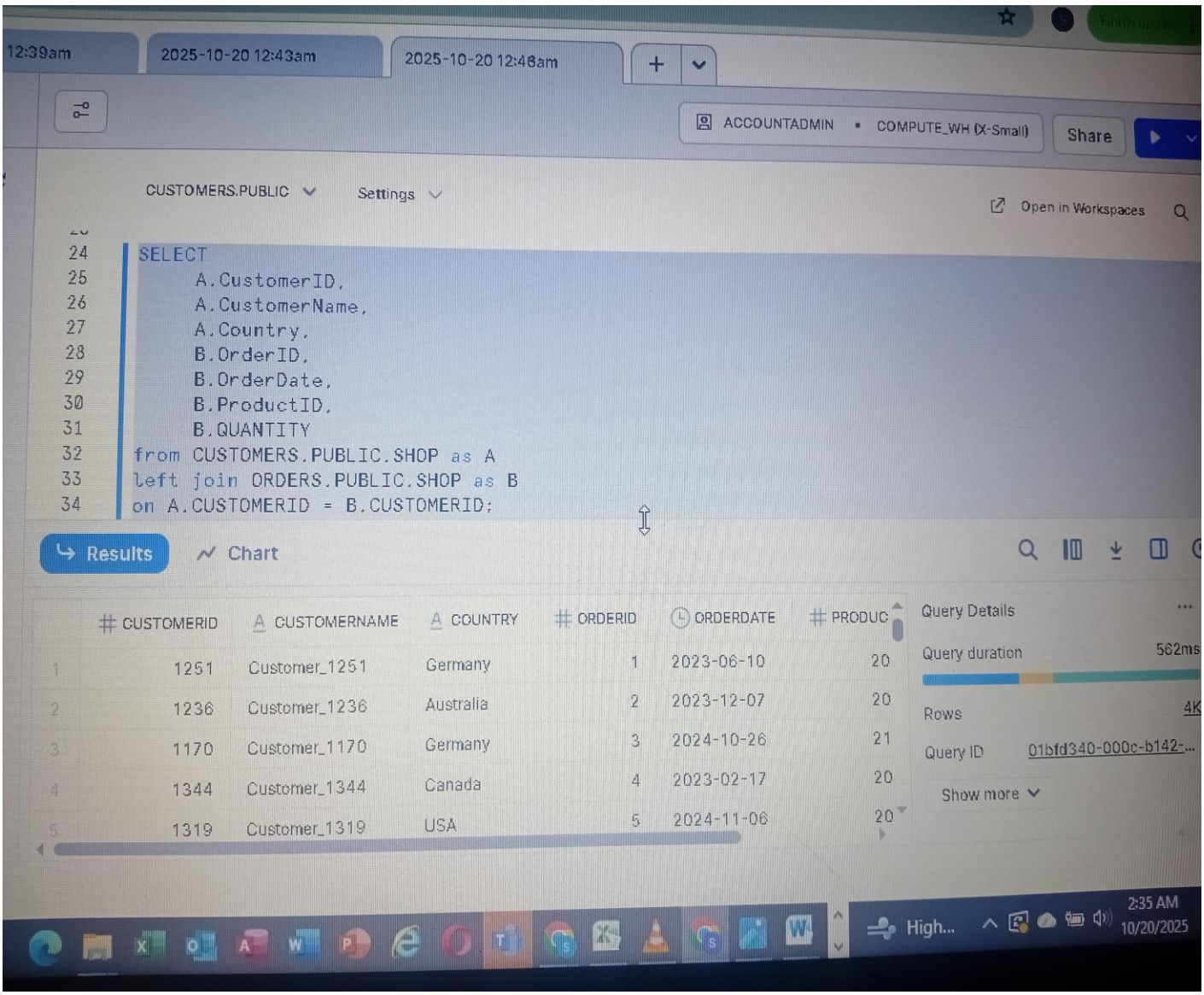


3 LEFT JOIN : ALL CUSTOMERS AND THEIRS ORDERS

Question : list all customers and any order they must have placed. Include customers who have not placed any orders

Expected Output Column

CustomerID, CustomerName, Country, OrderDate, OrderID, ProductID, Quantity

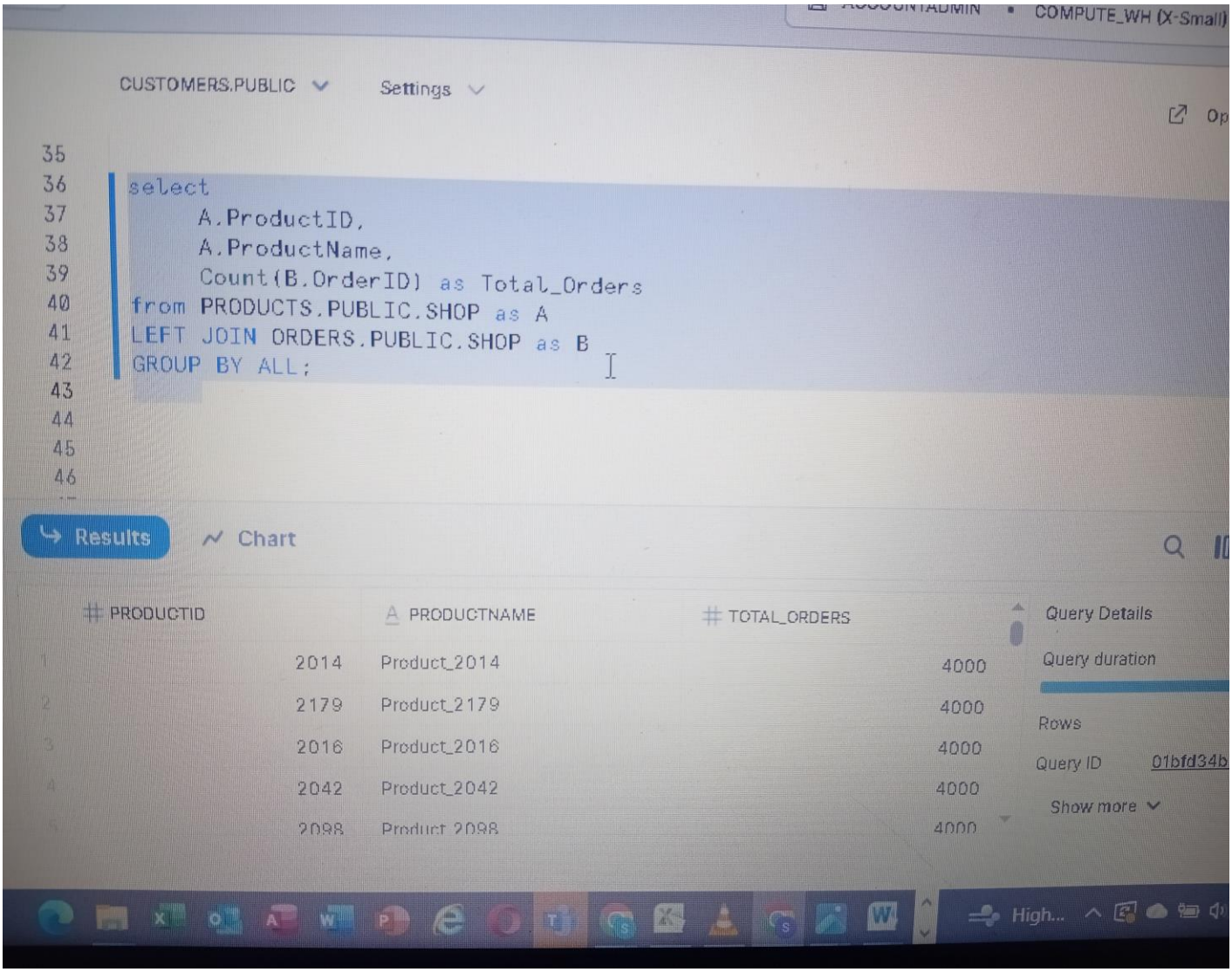


4 LEFT JOIN: Product Order Count

Question: List all products and how many times each was ordered

EXPECTED OUTPUT COLUMNS

ProductID, ProductName, TotalOrders

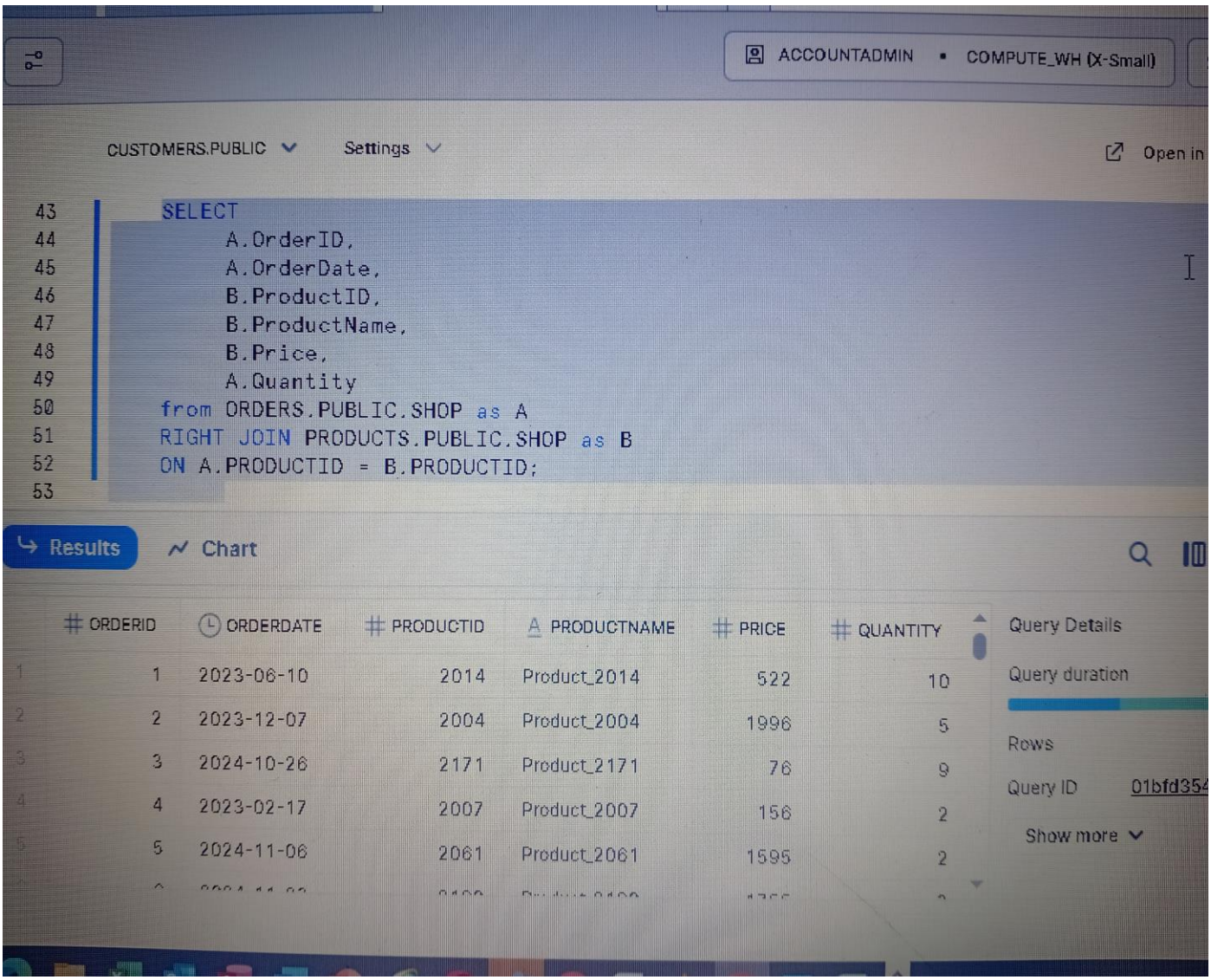


5 RIGHT JOIN : ORDERS WITH PRODUCT INFO

QUESTION : Find all orders along with product details, including any products that might not have been oredered.

EXPECTED OUTPUT COLUMNS

OrderID, OrderedDate, ProductID,ProductName,Price,Quality

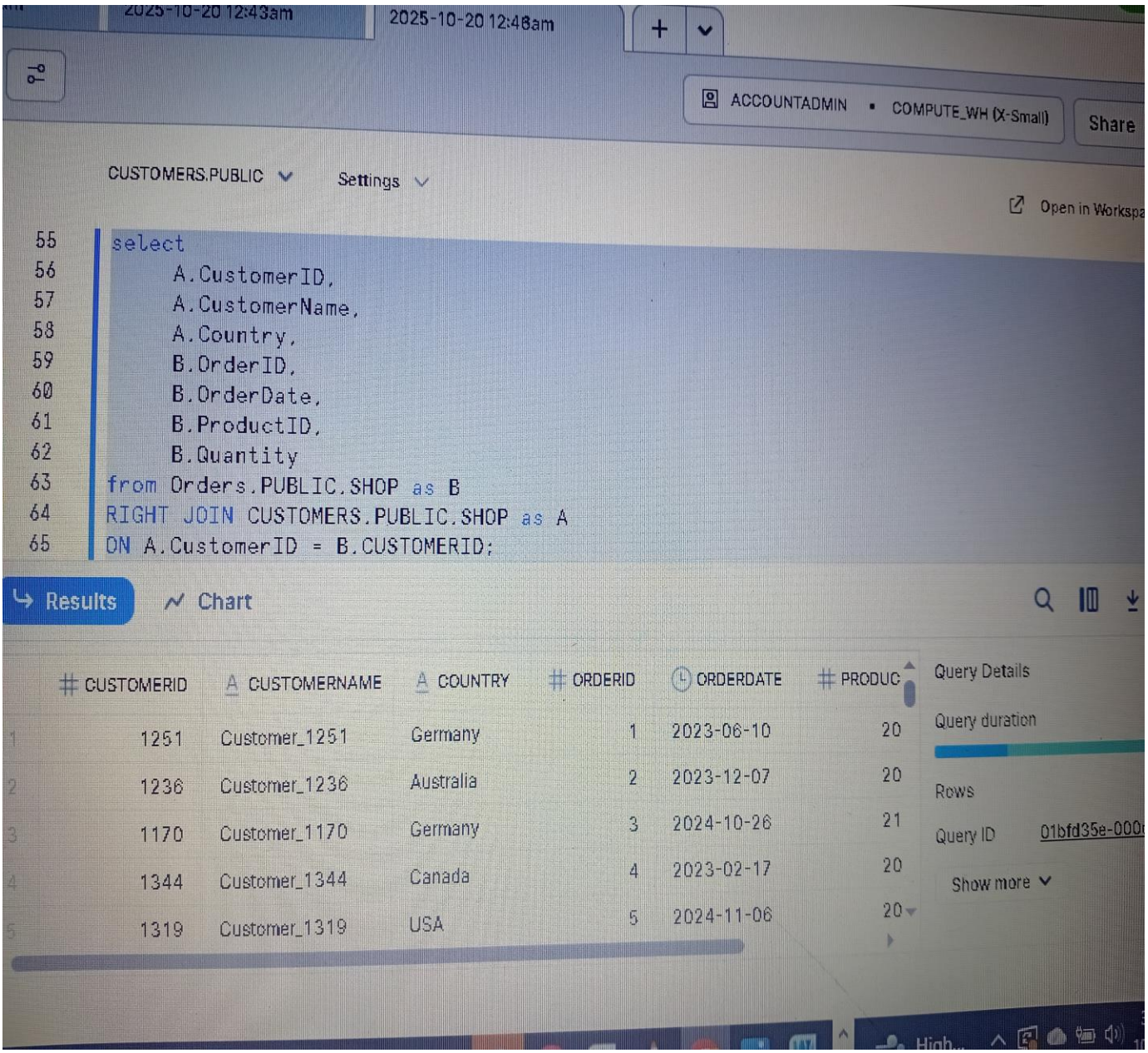


6 RIGHT JOIN: Customer info with Orders

Question: Which customer have made orders, and include customers even if they have never placed an order.

EXPECTED OUTPUT COLUMNS

CustomerID,CustomerName,Country,OrderID,OrderDate,ProductID,Quality

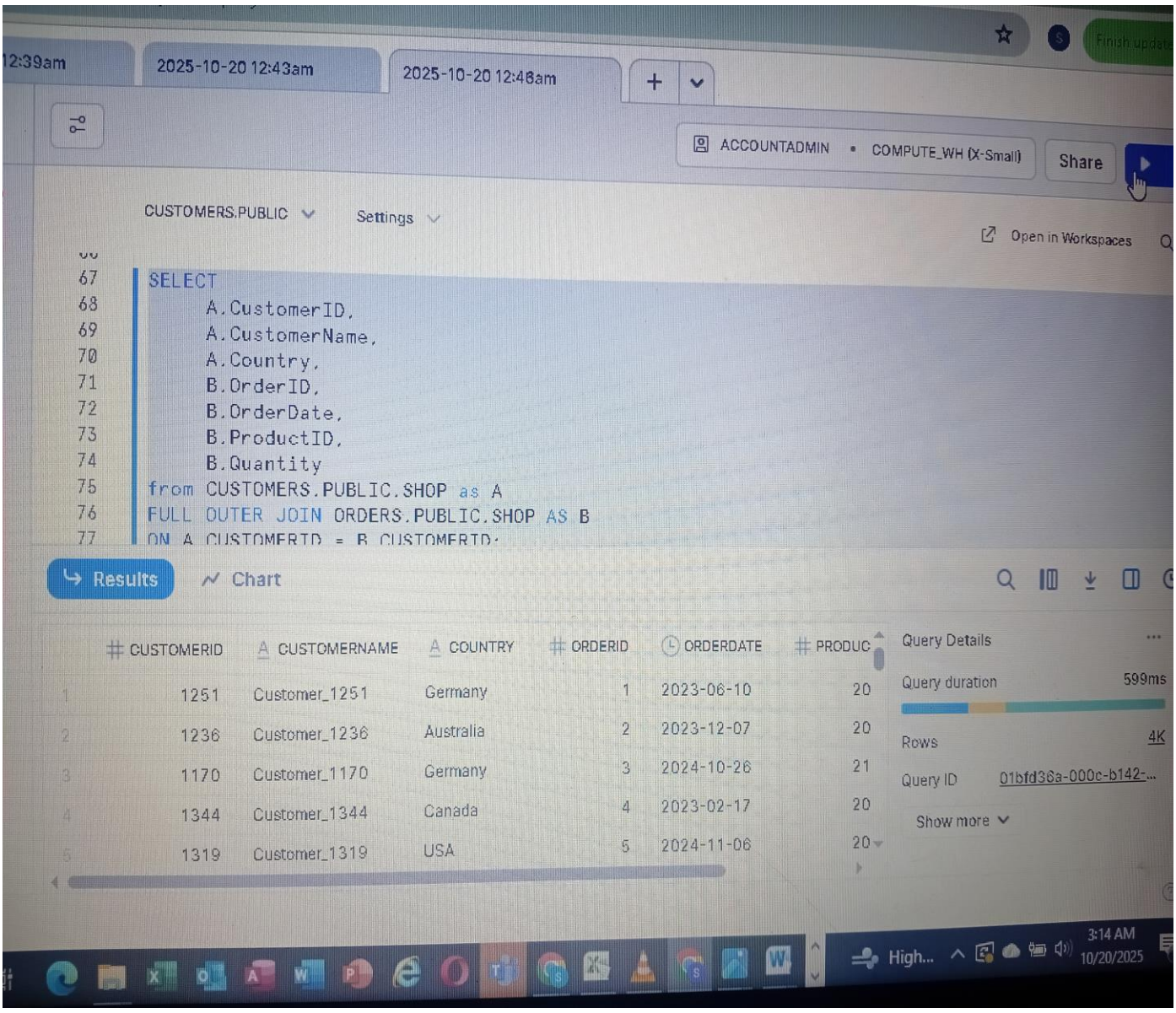


7 FULL OUTER JOIN: ALL Customer and All Order

QUESTION: List all customers and oreders, showing NULLs where customers have not ordered or where orders have no customer info.

EXPECTED OUTPUT COLUMNS

CustomerID.ProductName,Price,OrderID,OrderDate,CustomerID,Quality

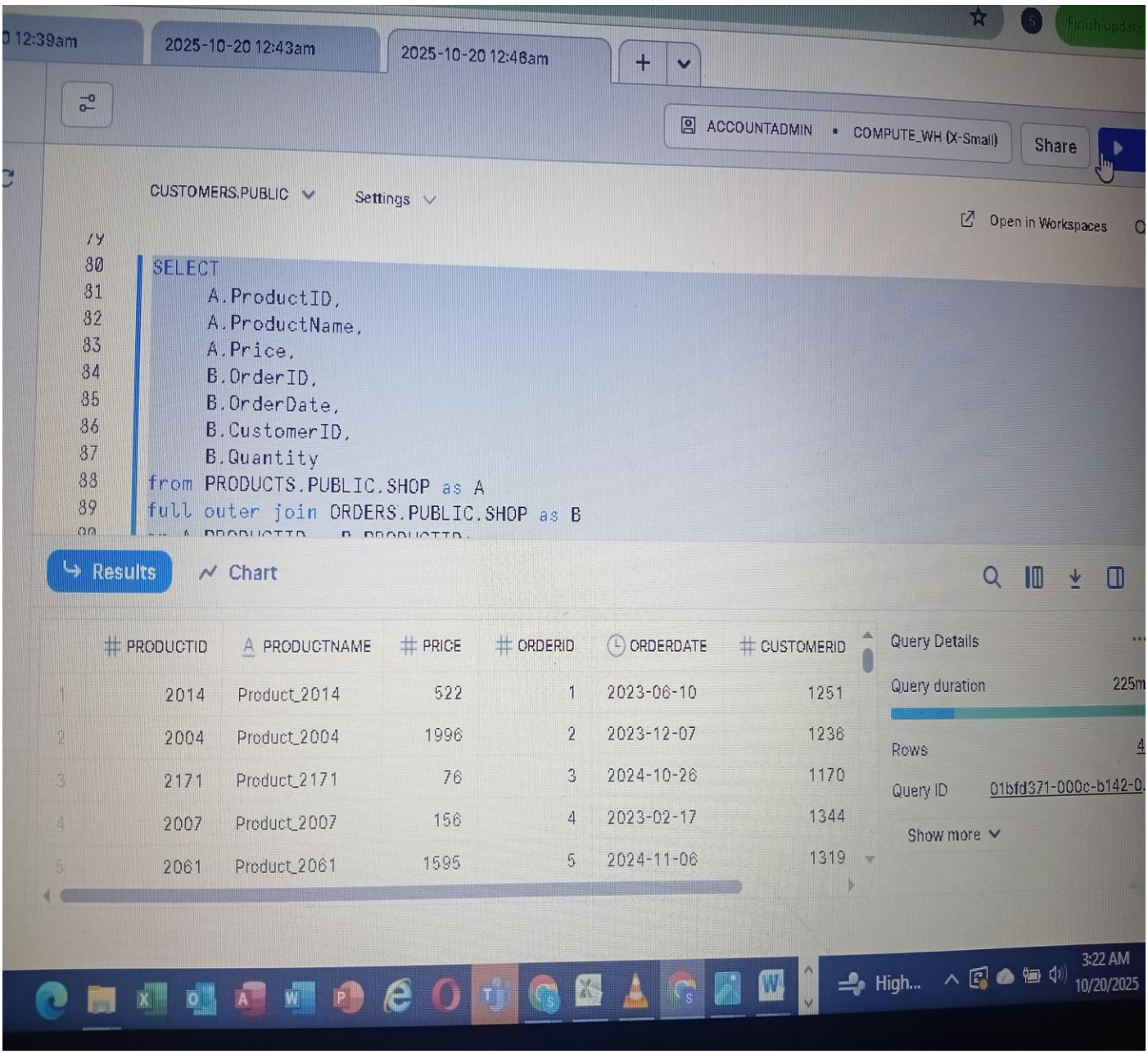


8 FULL OUTER JOIN: All Products and Orders

Question: List all products and Orders, showing NULLs where products were never ordered or orders are missing product info.

EXPECTED OUTPUT COLUMNS

PrioductID,ProductName,Price,OrderID,OrderDate,CustomerID,Quality



9

jg