**DAY 4\_Vishala\_Assignment**

1.     List all customers and the products they ordered with the order date. (Inner join)

**Tables used:** customers, orders, order\_details, products

**Output should have below columns:**

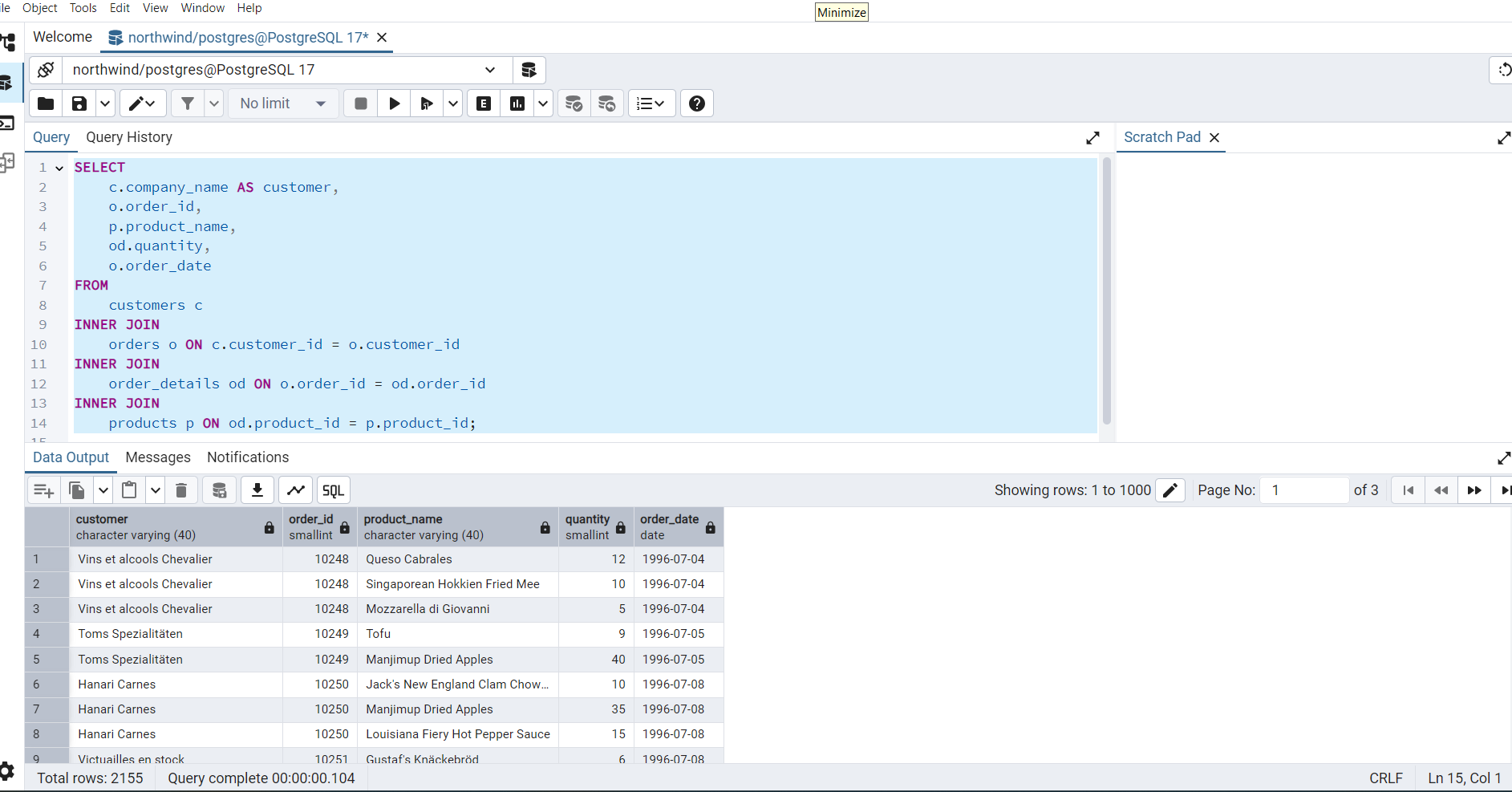
    companyname AS customer,

    orderid,

    productname,

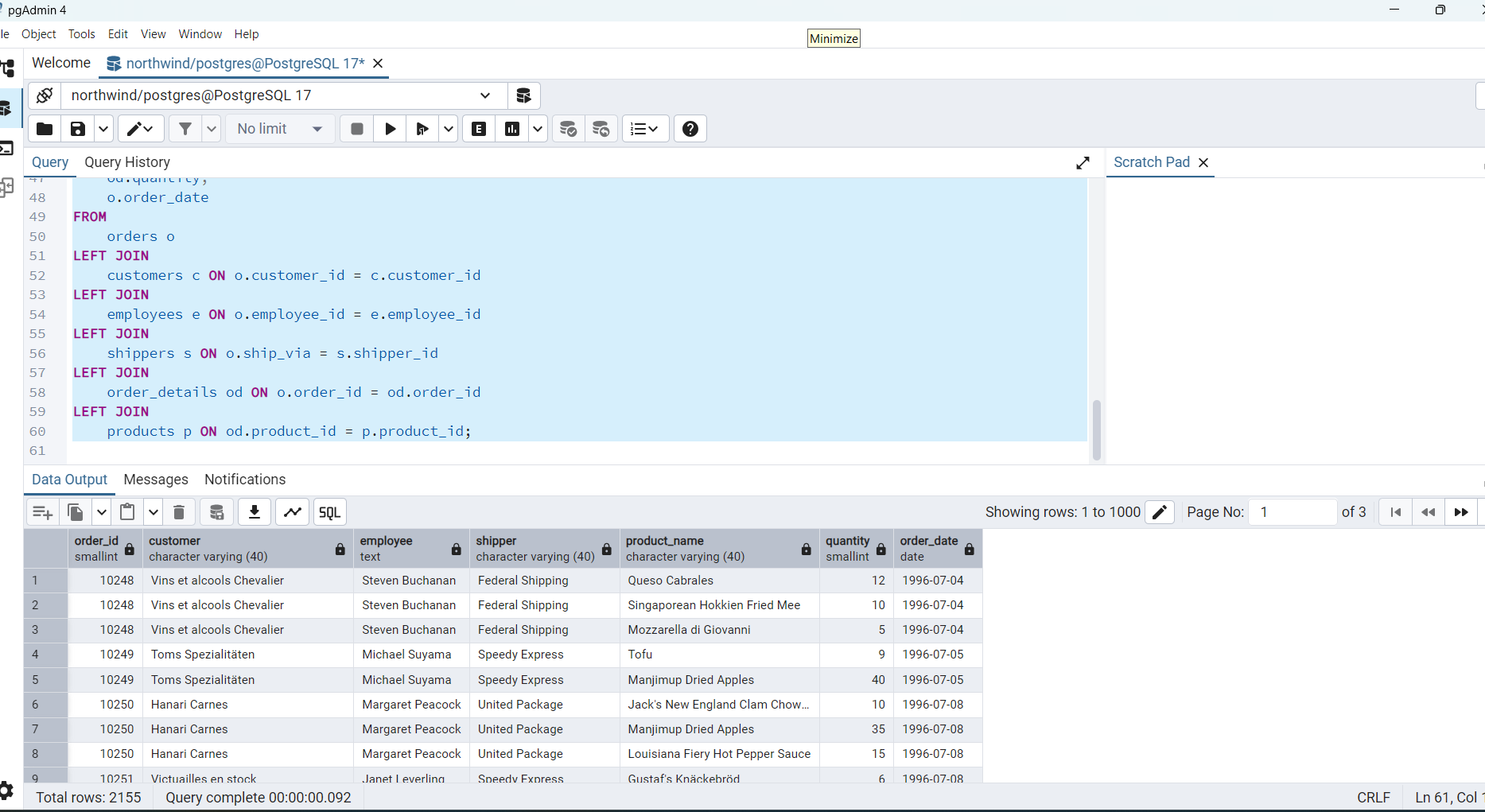
    quantity,

    orderdate

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2.     Show each order with customer, employee, shipper, and product info — even if some parts are missing. (Left Join)

**Tables used: orders, customers, employees, shippers, order\_details, products**



3.     Show all order details and products (include all products even if they were never ordered). (Right Join)

**Tables used: order\_details, products**

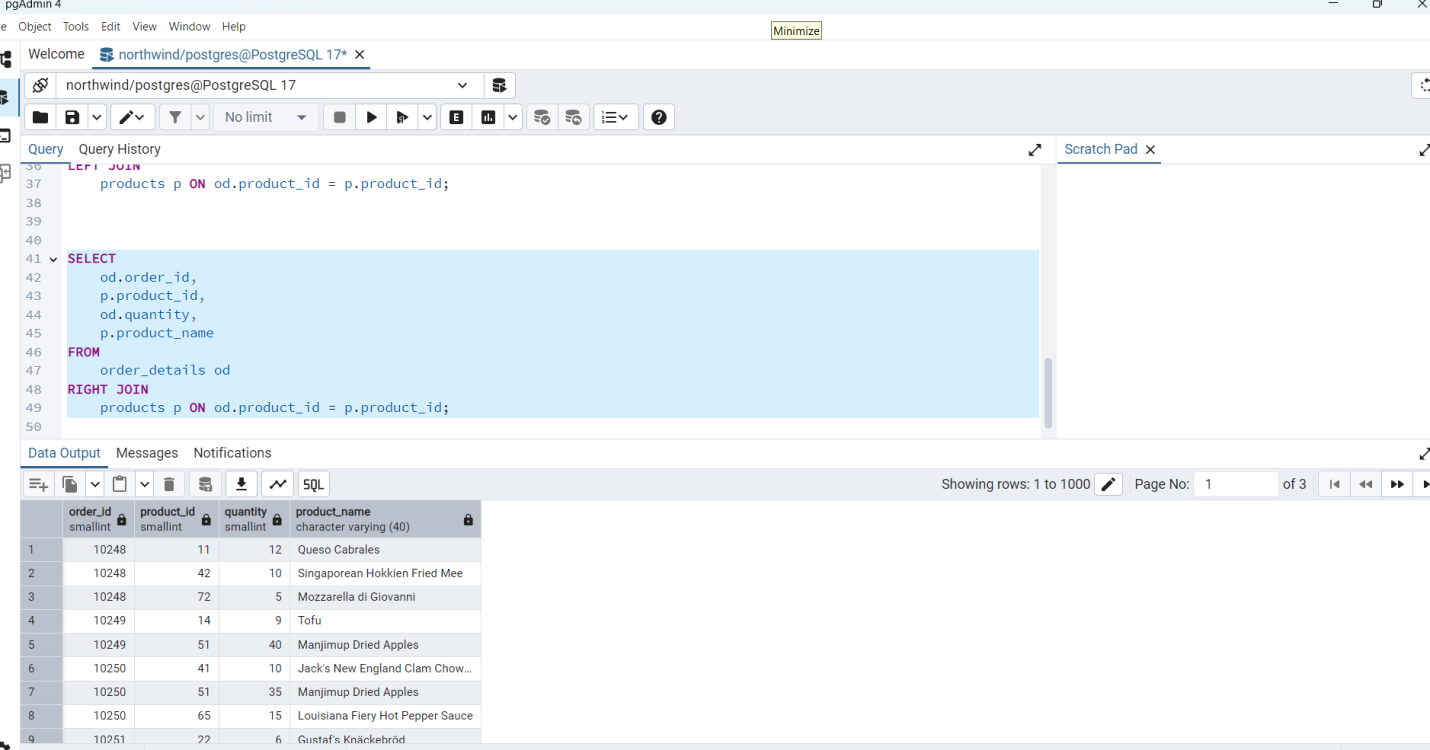
**Output should have below columns:**

    orderid,

    productid,

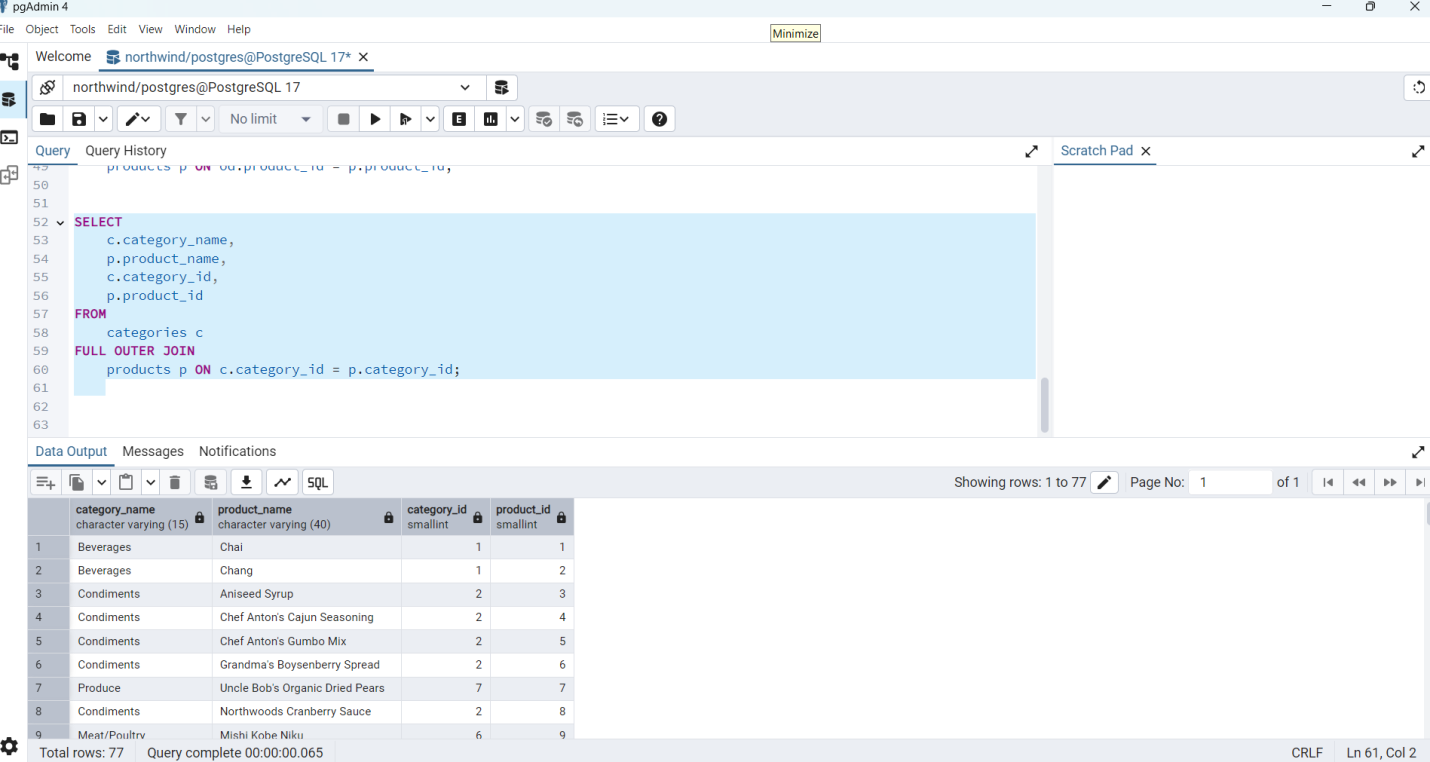
    quantity,

    productname

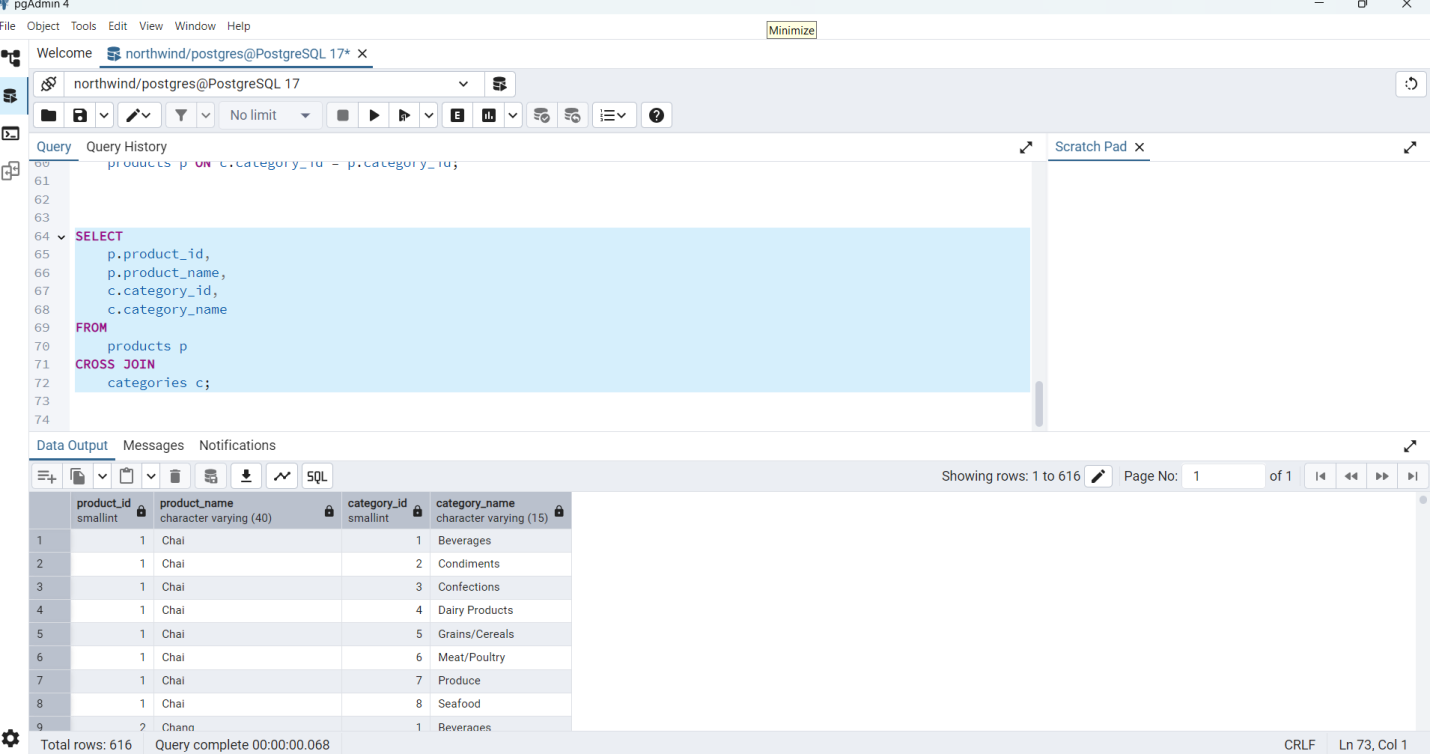
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4. List all product categories and their products — including categories that have no products, and products that are not assigned to any category.(Outer Join)

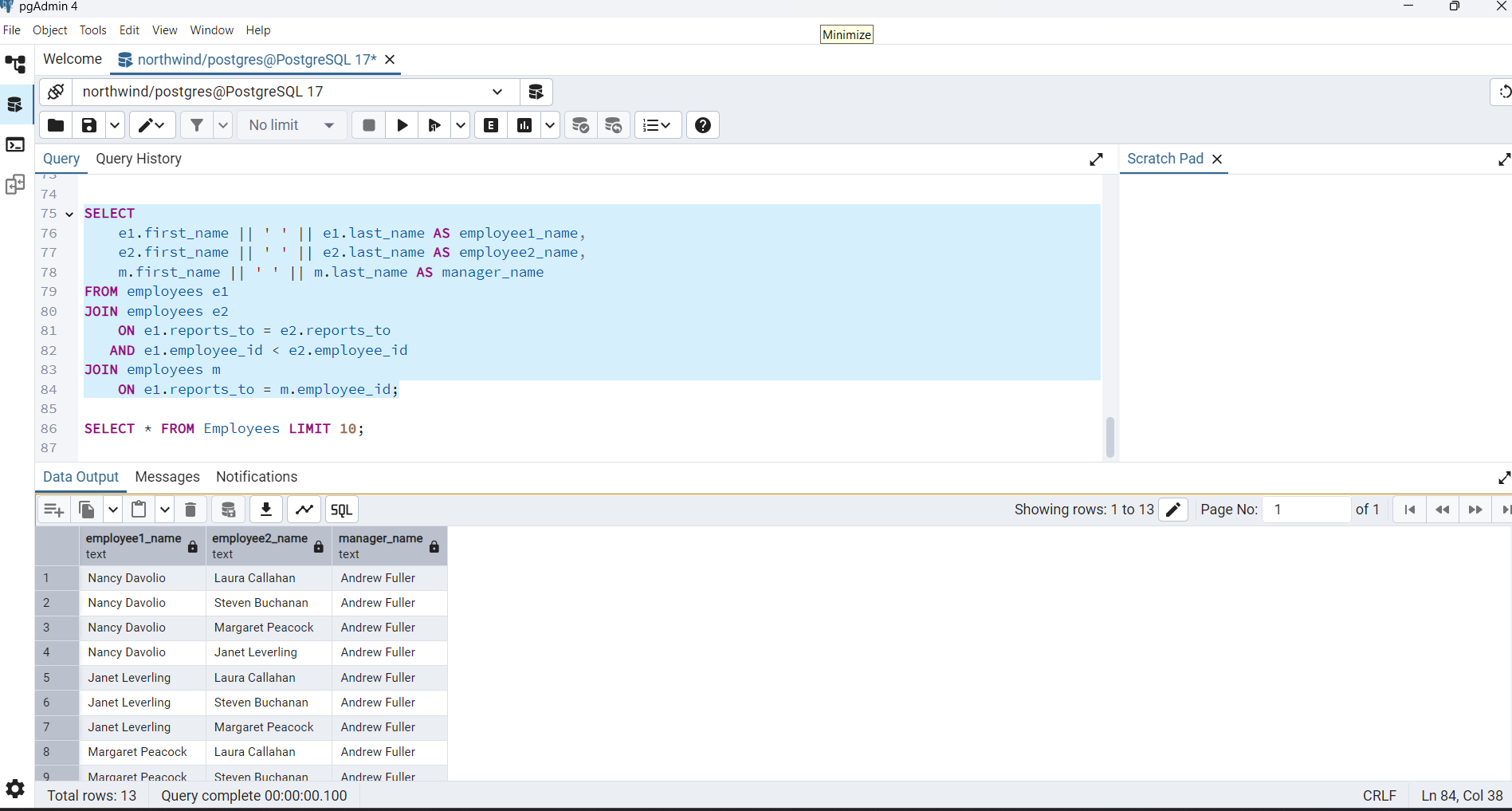
**Tables used: categories, products**

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5. Show all possible product and category combinations (Cross join).

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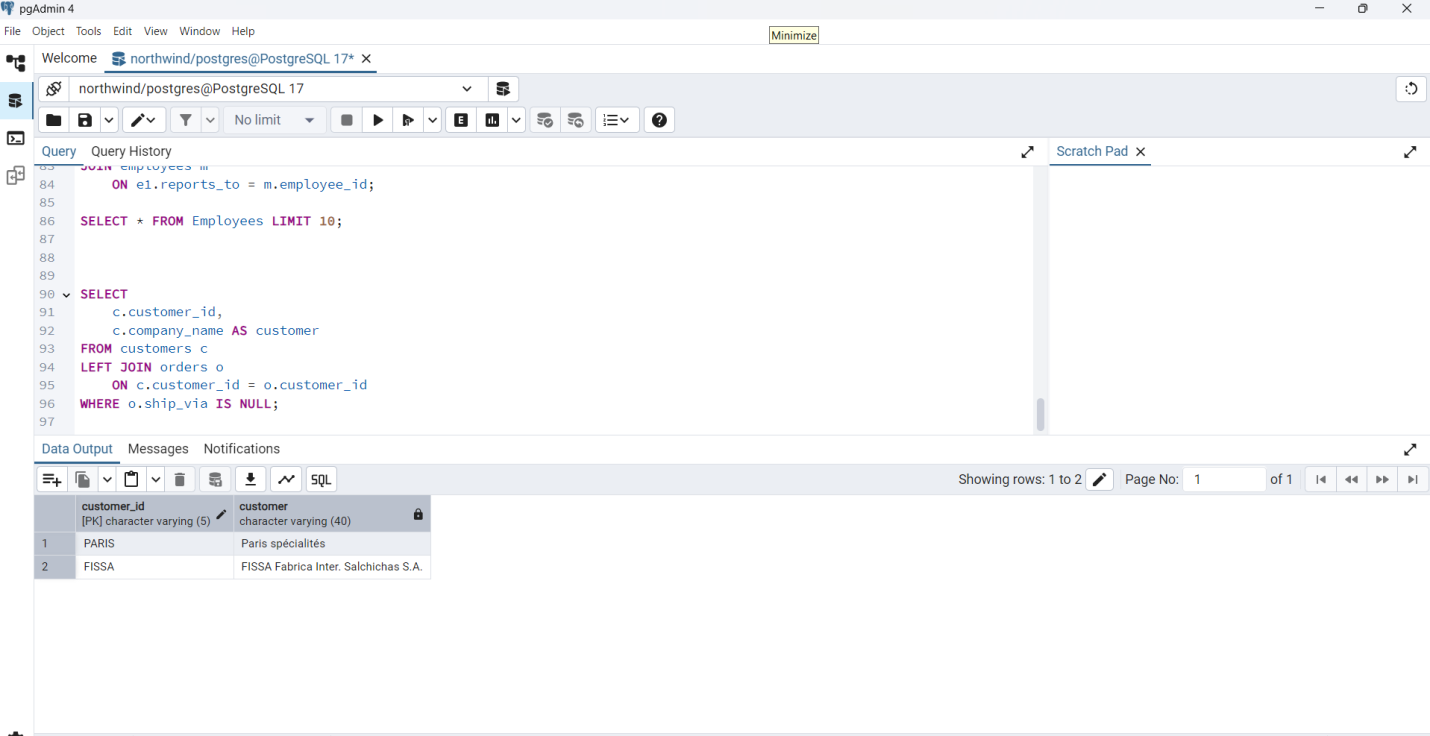
6. Show all employees who have the same manager(Self join)

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7. List all customers who have not selected a shipping method.

**Tables used:** customers, orders

**(Left JoinWHERE o.shipvia IS NULL)**

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