**Use northwind database for these exercises**

1. **List Customers with Orders: Find all customers who have placed orders.**

select

Customers.contactname,

Orders.orderid

from customers join orders using(customerid)

where customers.customerid in (select customerid from orders)

1. **Total Sales per Category: Calculate the total sales for each product category.**
2. **List Products with Low Stock: Find products with less than 10 units in stock.**
3. **List Suppliers with No Products: Identify suppliers who do not supply any products.**
4. **Customer Orders Count: List customers along with the number of orders they have placed.**
5. **Employee Sales Comparison: Find employees who have sold more than their average sales.**
6. **Product Sales Ranking: Find the top 5 products with the highest total sales.**
7. **Employee Sales Totals: List employees along with their total sales amount.**
8. **Customers with High Orders: Find customers who have placed orders with a total value higher than $5,000.**
9. **Supplier with the Most Products: Identify the supplier who supplies the most products.**
10. **Orders with Multiple Products: List orders that contain more than 5 different products.**
11. **Category with Highest Average Price: Find the category with the highest average product price.**
12. **Employees with No Orders: Identify employees who have not processed any orders.**
13. **Customer with the Highest Order Value: Find the customer with the highest total order value.**
14. **Products Not Ordered: List products that have not been ordered by any customer.**
15. **Employee Sales Growth: Find employees who have had an increase in total sales from the previous year.**
16. **Products with Prices Higher Than Average: List all products with a price higher than the average product price.**
17. **Employees with Same Manager: Find employees who have the same manager**.
18. **Customers with No Orders: List customers who have not placed any orders.**
19. **Products in a Specific Category: Find products in a specific category (e.g., 'Beverages'**).
20. **Orders with the Most Expensive Product: Retrieve orders with the most expensive product in each order.**
21. **Customers with Orders Over $1000: List customers who have placed orders with a total value exceeding $1000.**
22. **Suppliers with No Products: Identify suppliers who do not supply any products.**
23. **Employees with No Direct Reports: List employees who do not have any direct reports.**
24. **Categories with More Than 5 Products: Find categories that have more than 5 products.**
25. **Customers with Orders Placed After 2005: Retrieve customers who have placed orders after the year 2005.**