SQL- Joins, CTE and subquery on superMart DB

1. Display customer name, product name, and quantity for all sales orders.
2. Find total sales amount per product category.
3. List customers who have spent more than the average spending of all customers.
4. Using a CTE, calculate total profit per region and show only regions with profit above 50,000.
5. Find top 3 customers based on total purchase amount.
6. List each region and the number of unique customers in it.
7. Rank products by total sales within each category using a window function.
8. Show all products that have never been sold.
9. Find monthly sales trends for the last 6 months.
10. Find the most profitable product in each region.
11. Display total quantity sold per customer per category.
12. Find the category contributing the highest revenue overall.
13. List products sold in more than 3 different regions.
14. Identify customers who purchased the same product more than once.
15. Find average profit margin per category.
16. Show the top-selling product in each month.
17. List customers who haven’t placed any orders this year.
18. Calculate total discount given per region.
19. Find customers with total order count above 10.
20. Identify the month with the highest overall sales.