MID LAB

Submitted by:

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Submitted to:

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Reg No:

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Section:

B ‘Software Engineering’

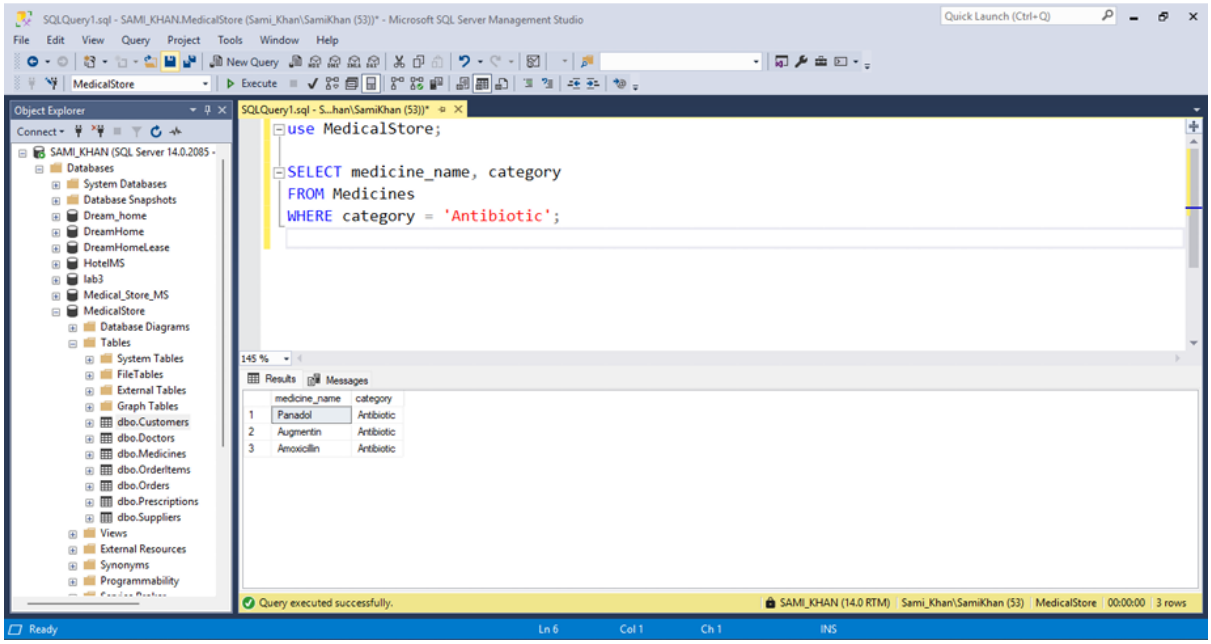
Department:

Computer Science

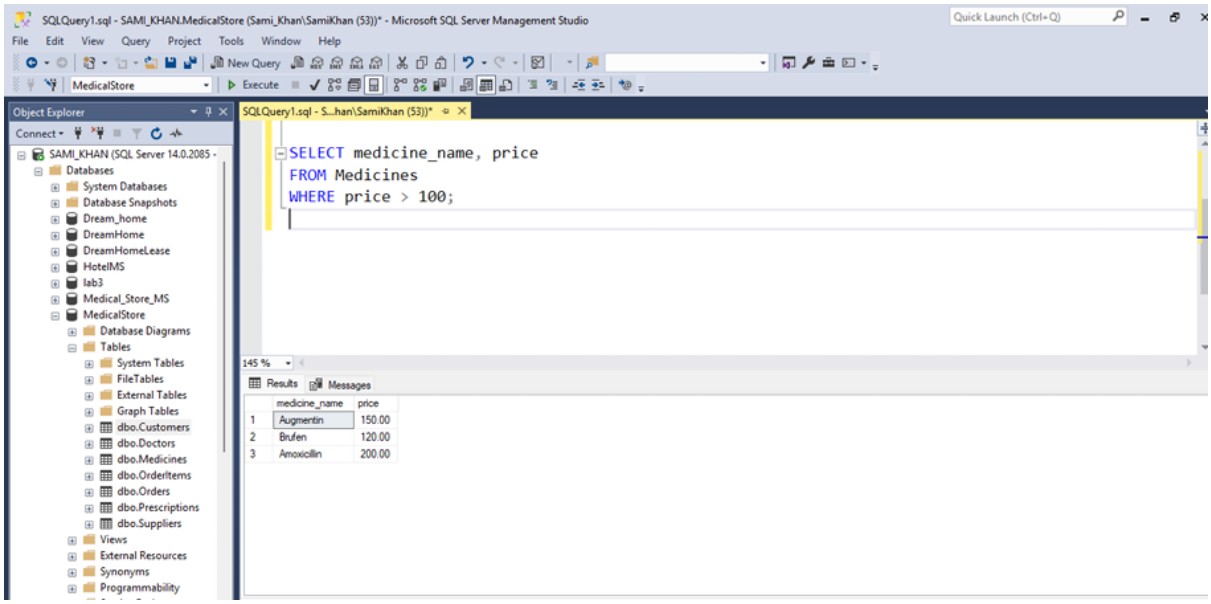
COMSAT UNIVERSITY OF ISLAMABAD VEHARI CAMPUS

SECTION A:

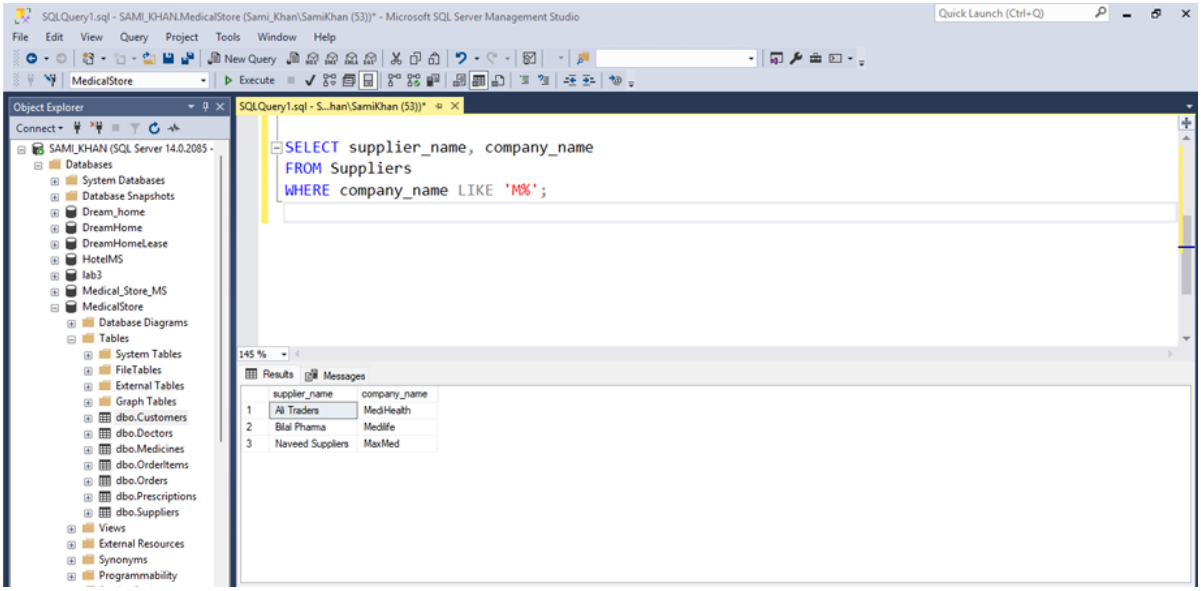
1) Retrieve the list of all medicines that belong to the category ‘Antibiotic’.



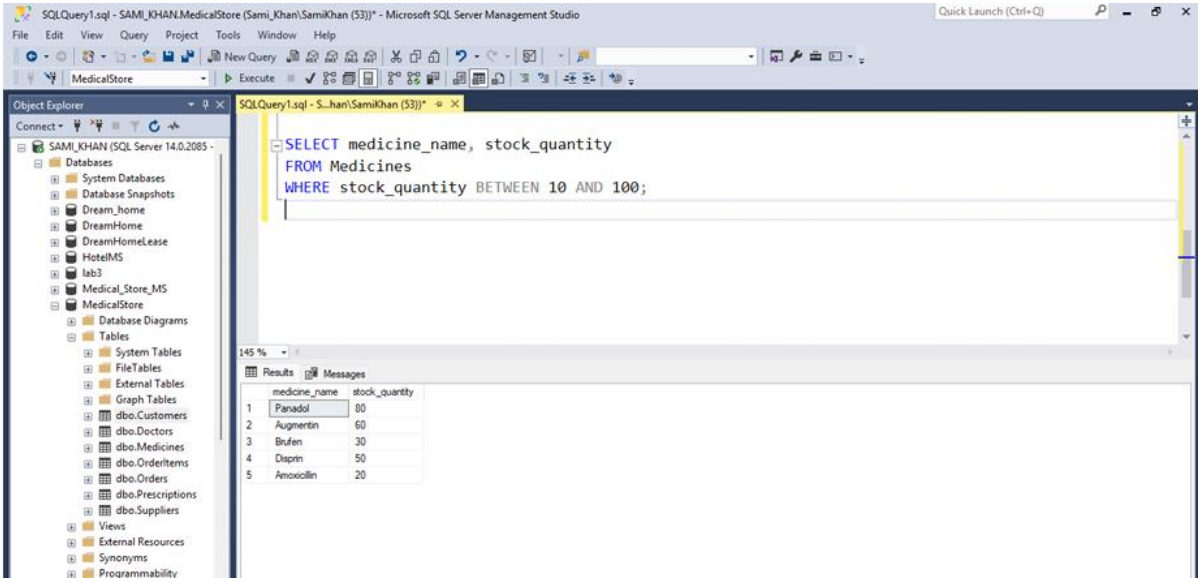
2) Display the name and price of all medicines whose price is greater than 100.



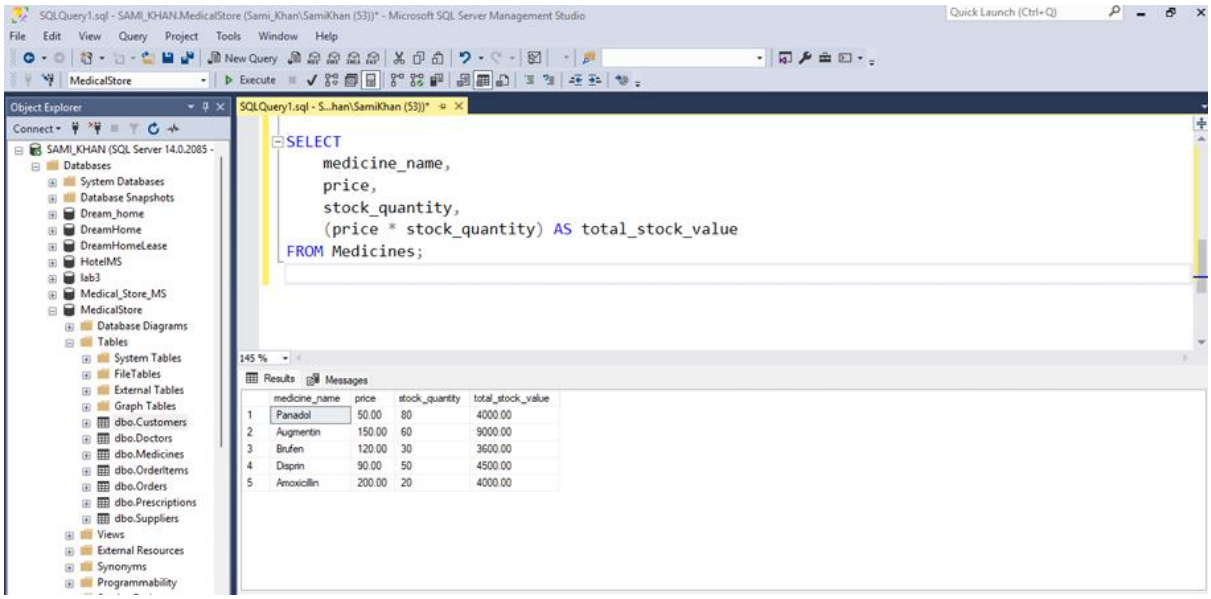
3) List all suppliers whose company name starts with the letter ‘M’ using the LIKE operator.



4) Show all medicines where the stock quantity is between 10 and 100.

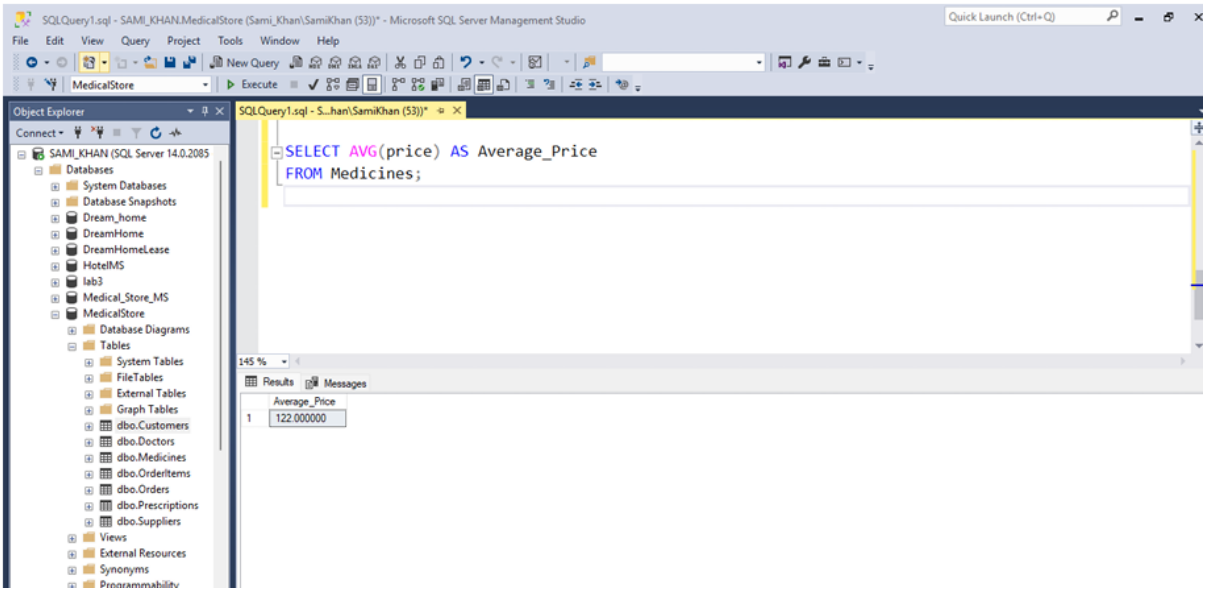


5) Display the medicine name and its total stock value (price × stock quantity) using an arithmetic expression.

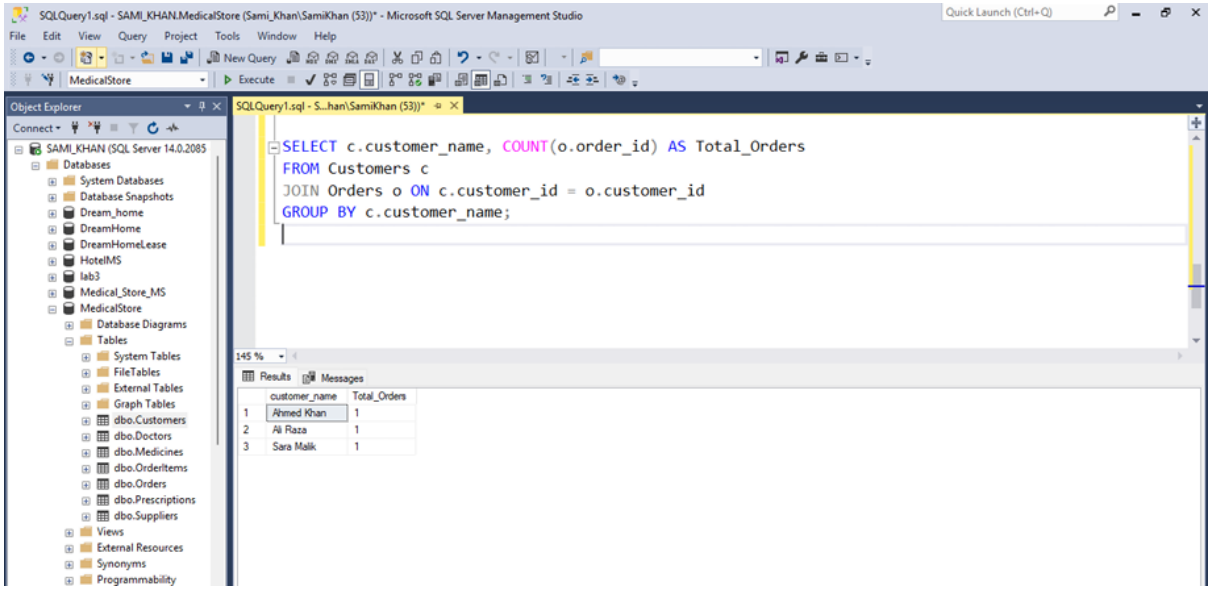


Section _B

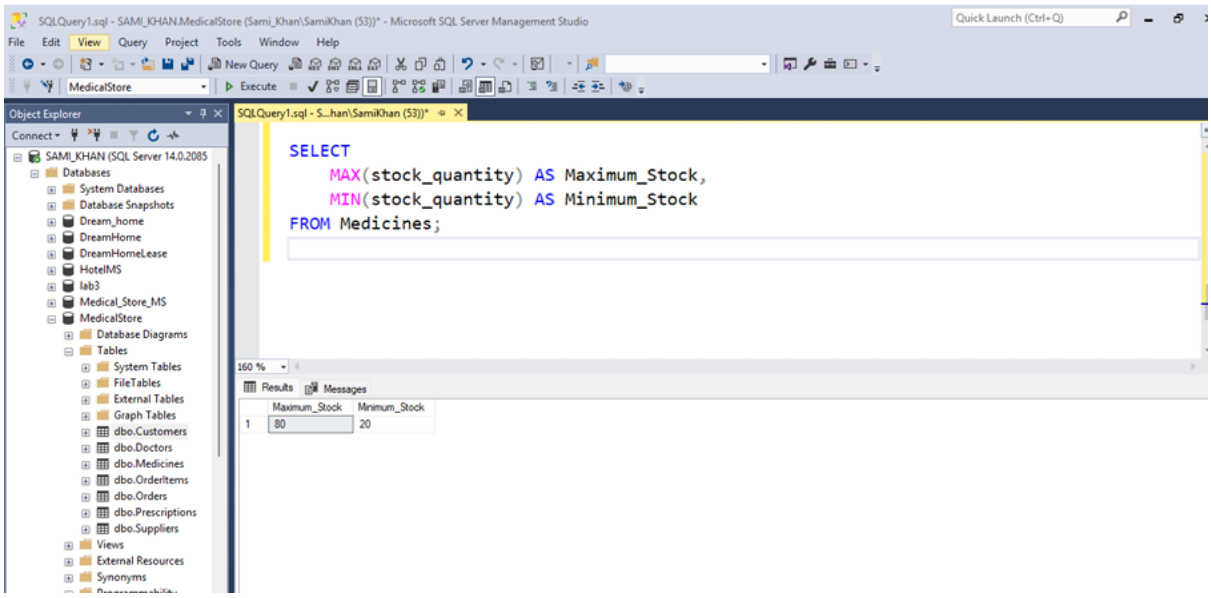
6. Find the average price of all medicines in the database



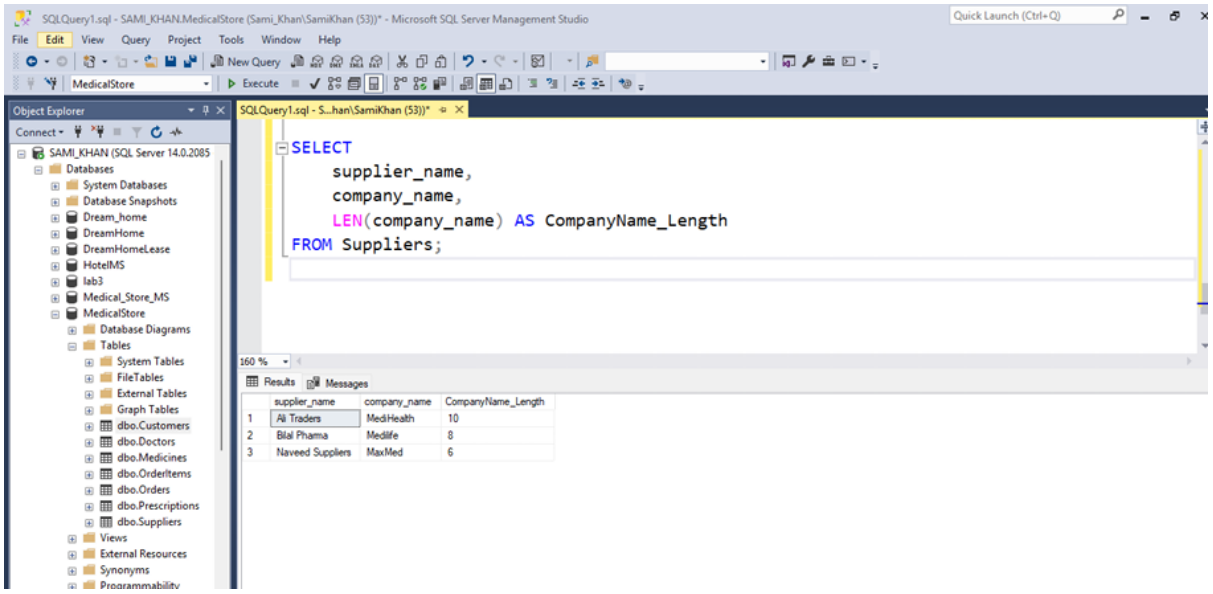
7. Display the total number of orders placed by each customer.



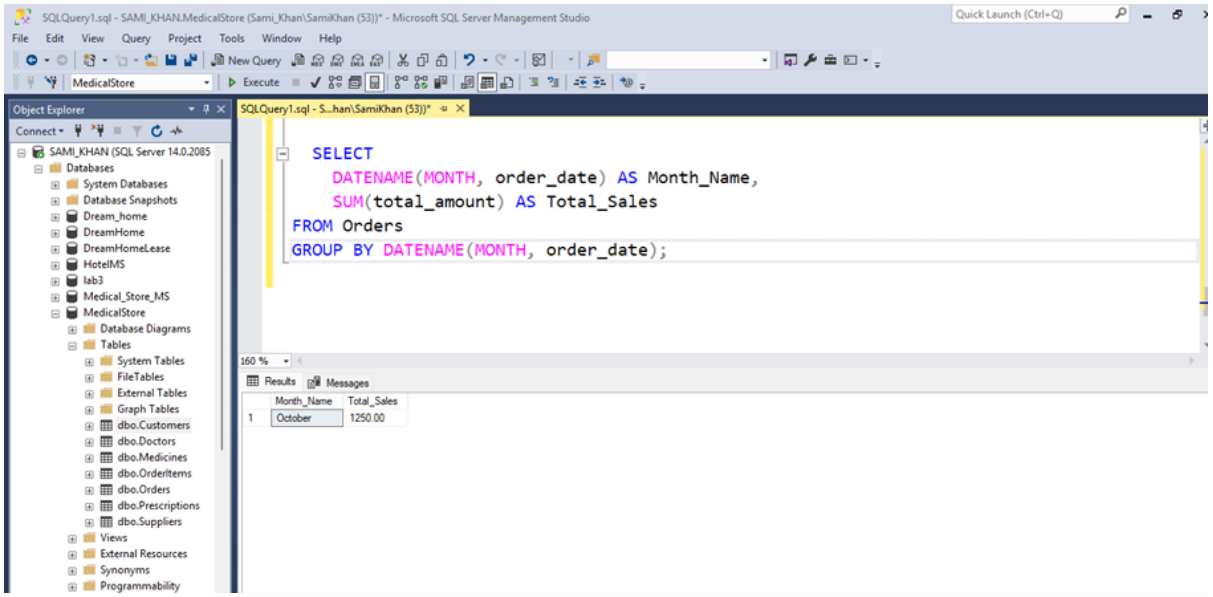
8. Find the maximum and minimum stock quantity among all medicines.



9. Display the supplier name and the length of the company name using a string function.

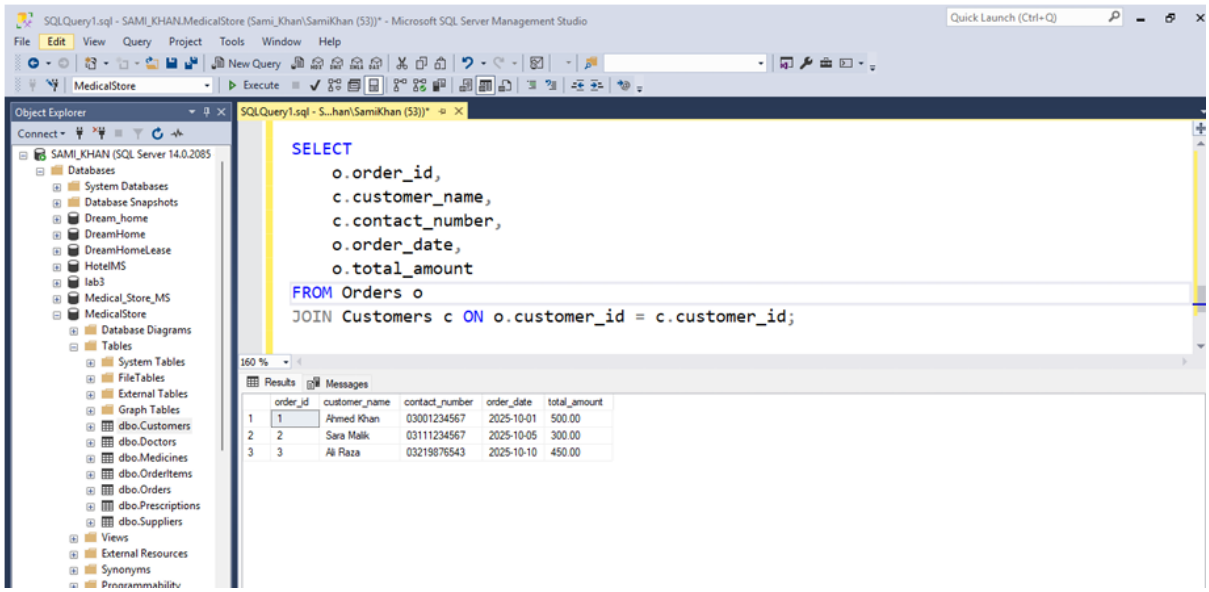


10. Show the month name and total sales amount for each month from the Orders table.

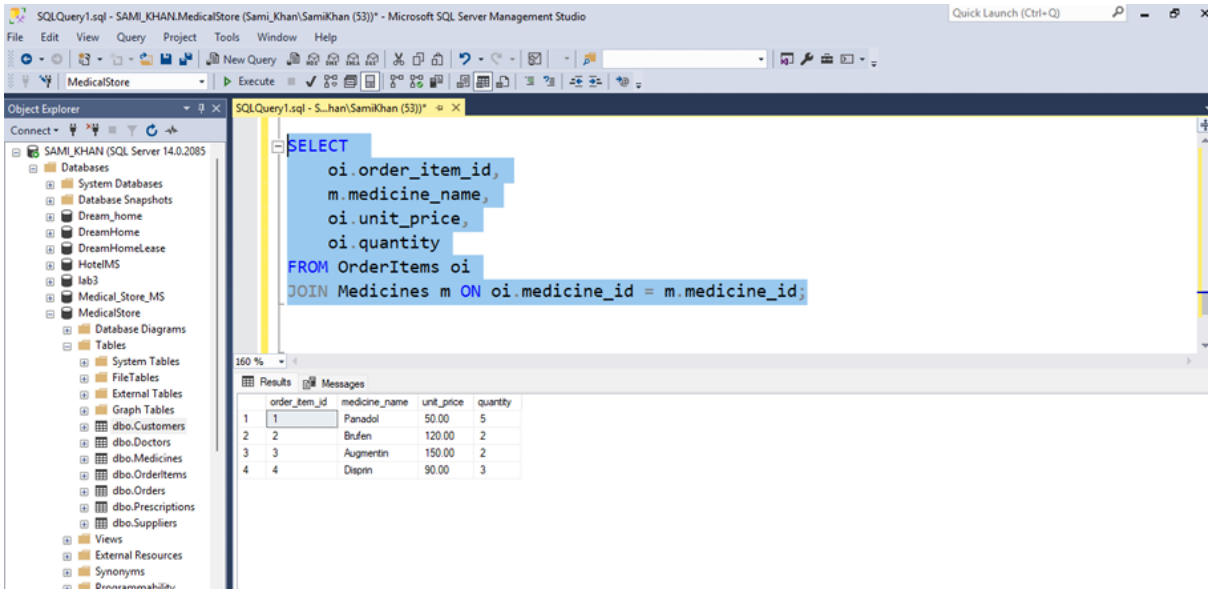


Section_ C

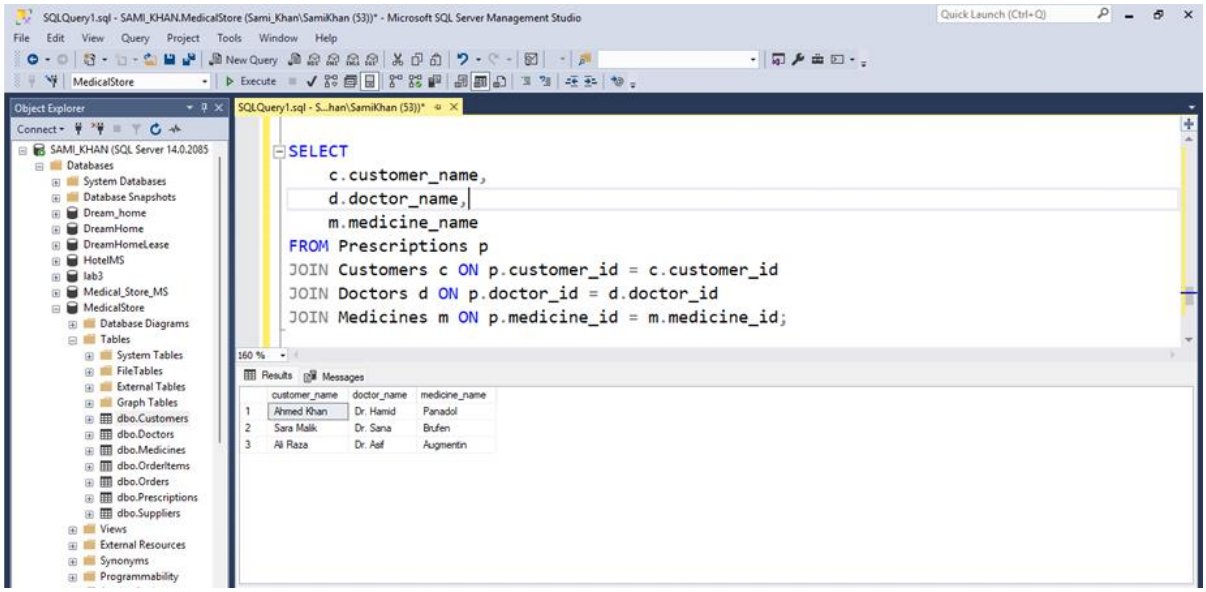
11. Display each order along with the customer's name and contact number who placed it.



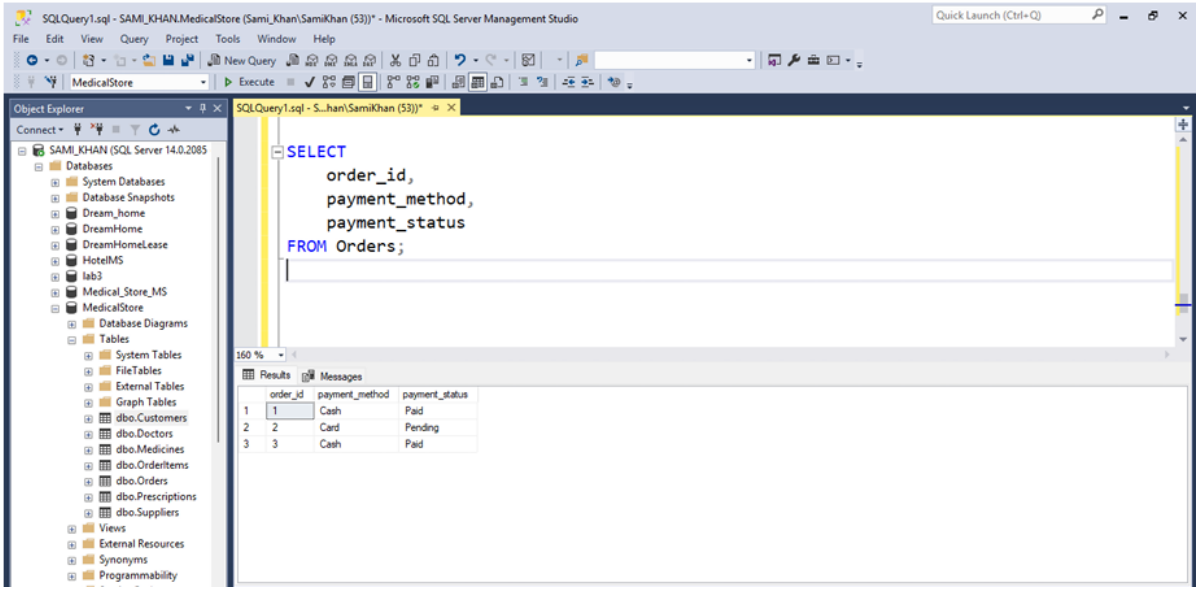
12. List all order items with medicine name and corresponding unit prices.



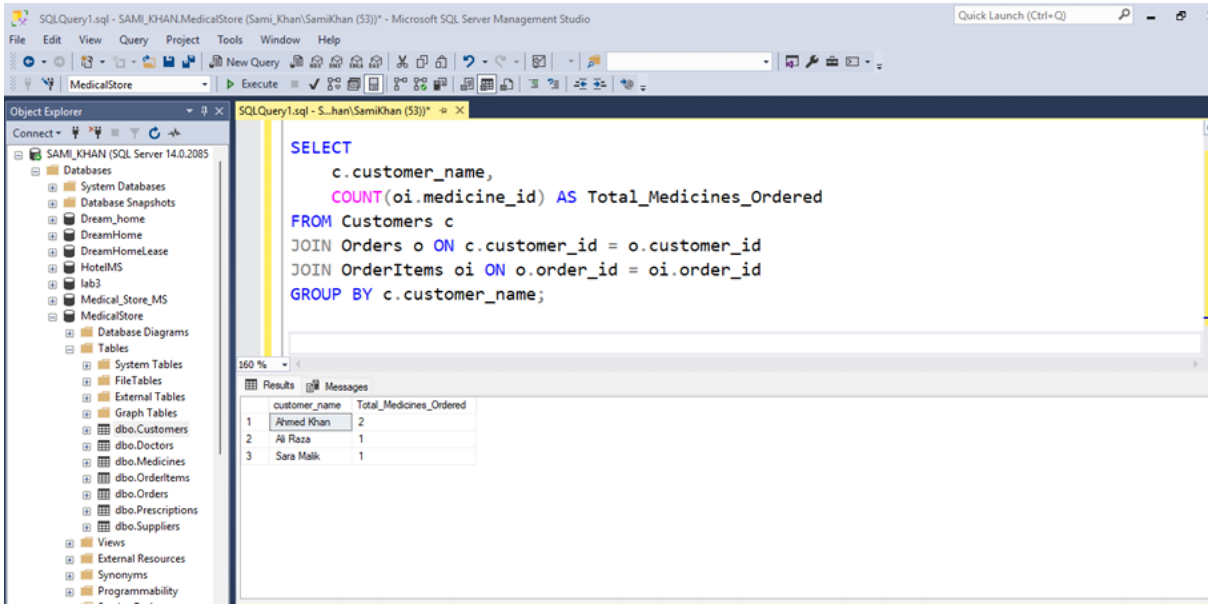
13. Retrieve the customer name, doctor name, and medicine prescribed for every prescription.



14. Show the list of orders with their payment method and payment status.

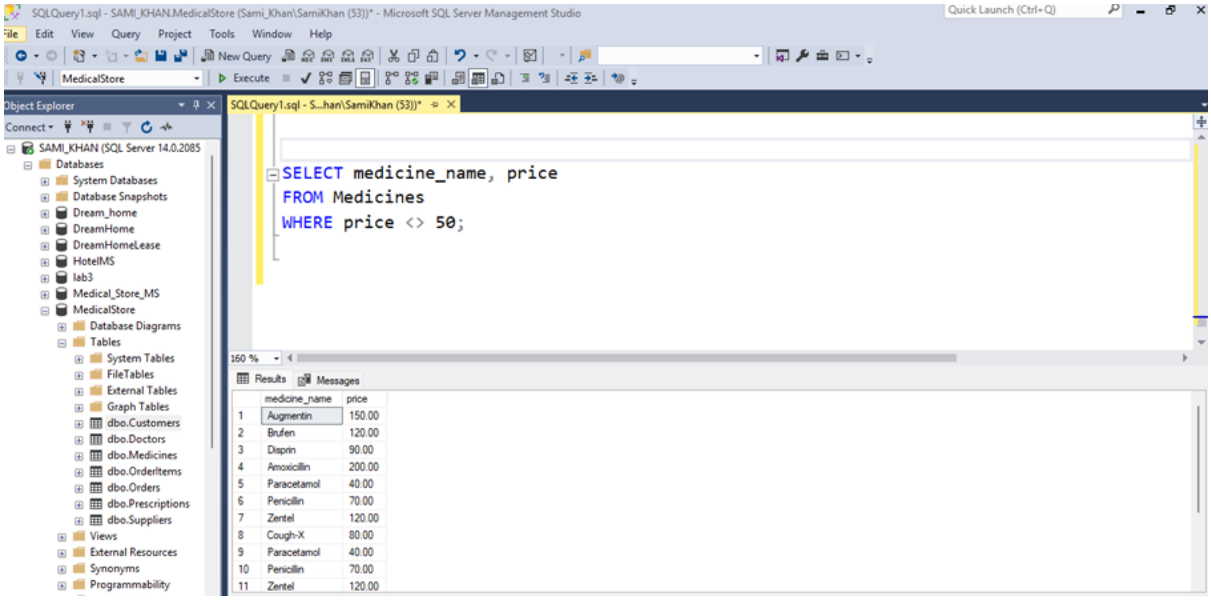


15. Display all customers who have placed at least one order, including the total number of medicines ordered.

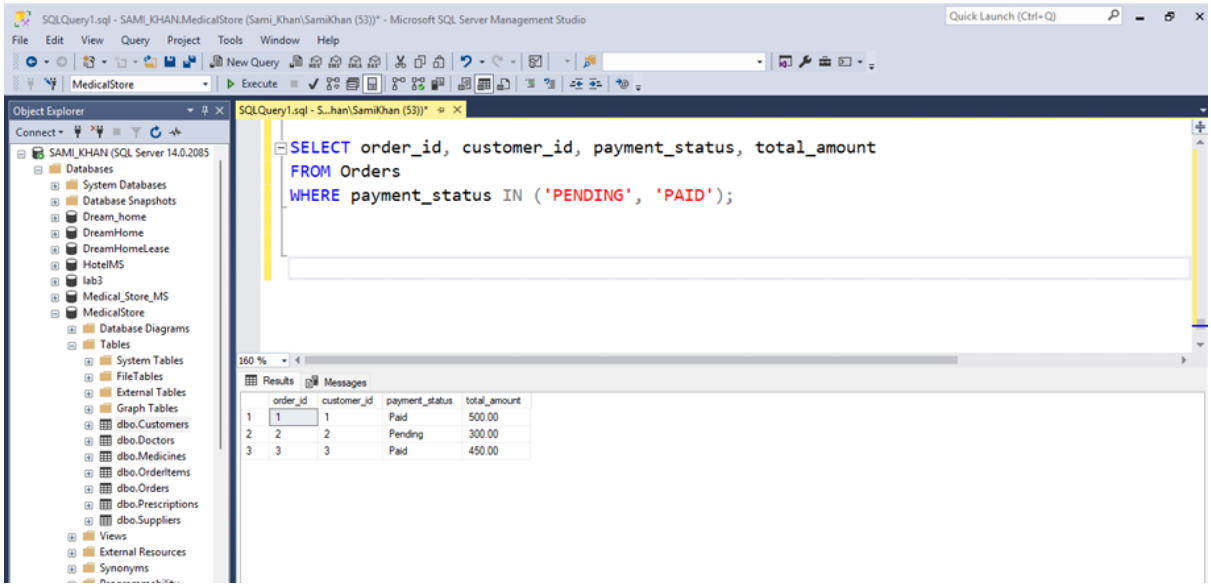


Section_E

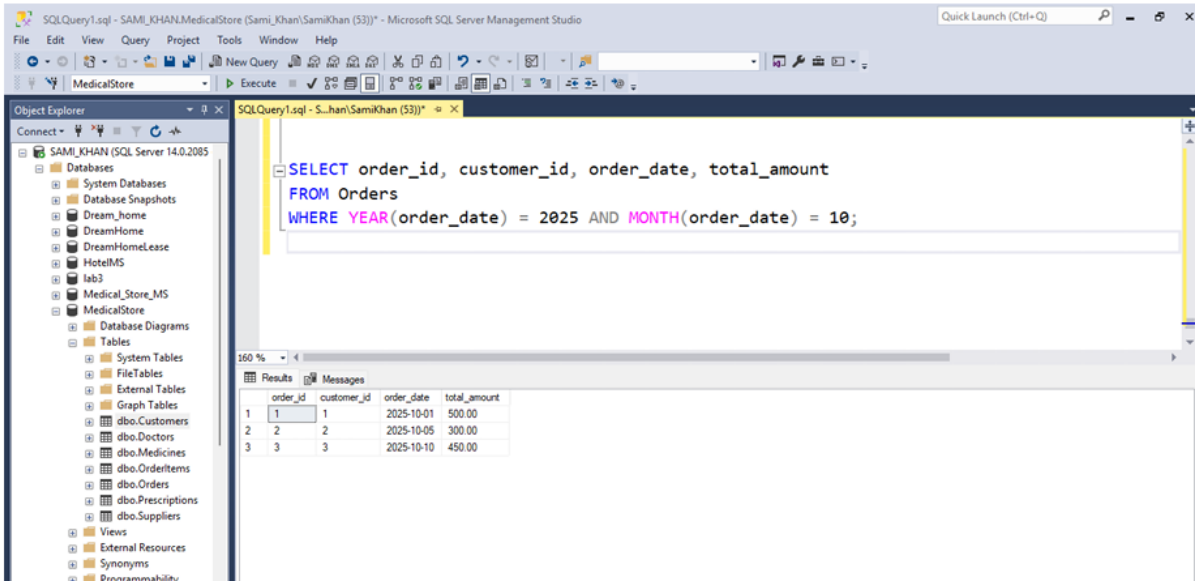
16. Retrieve the medicines with prices not equal to 50 using the appropriate operator.



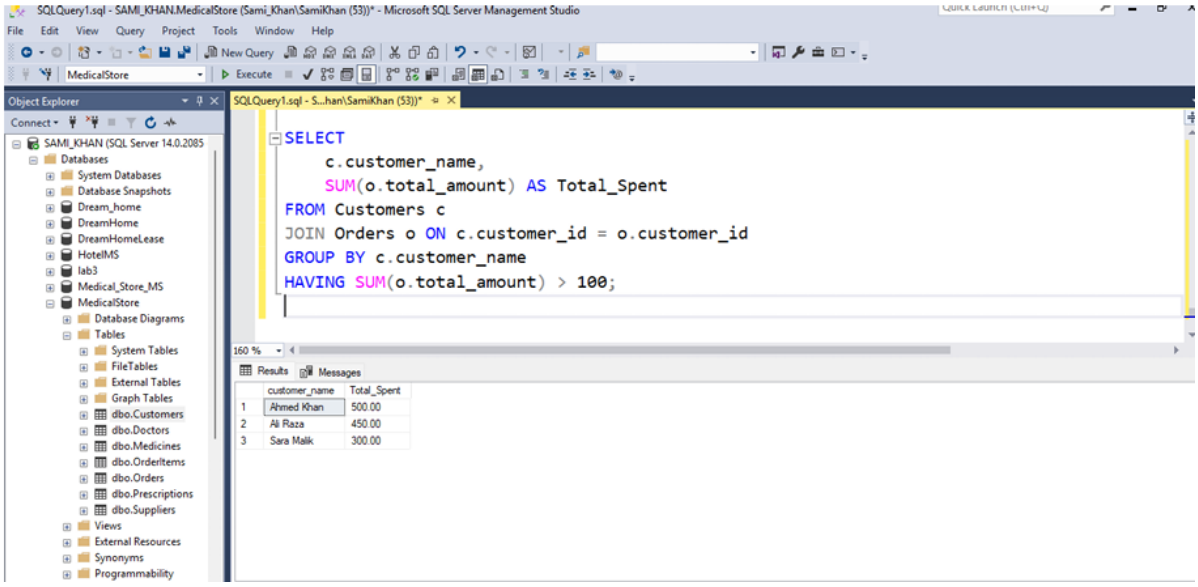
17. Display all orders whose status is either ‘PENDING’ or ‘PAID’.



18. Show all orders that were placed in the month of October 2025.



19. Retrieve the customer names and their total amount spent where total spending is greater than 500.



20. List all customers whose email address contains ‘gmail.com’.