Practice 7.

SQL statements

Exercises: Use Northwind database to solutions.

1. Create a query to list those customers (CustomerID, Companyname) whose CustomerID begins with [B-E] letter.

2. List those customers, whose customerID starts with BO characters.

3. Display those employees (EmployeeID and FullName) from the Employee table, whose Lastname contains at least two '**a**' letters.

4. Create a query to list those products (ProductID, ProductName, UnitPrice) from the Products table, which name does not begin with the letters A,B or C.

5. Create a query which list the ProductID, ProductName, UnitPrice, UnitsOnOrder and UnitsInStock of those products which UnitsOnOrder greater than 0 and the UnitsInStock value is less than 10. Sort the result against the UnitsOnOrder in descending order.

6. Write a query displaying the ProductID, ProductName, UnitPrice from the products table. Retrieve only those rows where the UnitPrice is between 50 and 90 $.

7. Create a query displaying the OrderID, CustomerID, Order date, from the Orders table. Retrieve only those rows where the order was placed between 10th of December and 20th of December in 1996. Sort the result according to the date in ascending then according to the CustomerID in descending order.

8. Display the number of products!

9. Display the number of products for each product category!

10. Display the average Unitprice for each product category!

11. Display the average Unitprice for each product category! Retrieve only those Product categories and average UnitPrices, where the average UnitPrice is more than 30 dollars!

12. Display the number of Customers!

13. How many customers have a fax?

14. Display those customers (CustomerID, Companyname and Contactname) from the Customers table who does not have any fax.

15. Display those orders which were not shipped.

16. List customers (CustomerID, and Companyname) who has not any orders!

17. List the number of orders for each customers! Modify your solution, list only those customers, who have more than 5 orders!

18. Define and display the total value of each order in which the value is greater than $ 10.000. Sort the result according the total value in increasing order. (Order Details table)

19. Display the code and name (ProductID and ProductName) of the Products whose stocks (UnitsInStock) value is more than the average stock value of all products! (products table)

20. Display the list of products (ProductID and ProductName) whose stocks (UnitsInStock) are more than the average stock value of their own product category! (Products table)

21. Which bottle-packed products have the most orders (UnitsOnOrder) ? (Hint:. where QuantityPerUnit contains the bottles word)

22. Display all Customers (only CustomerID) and the number of their orders! (Orders table)

23. Display the last order number (OrderID) of each customer! The list should be sorted according to the CustomerId in ascending order!

24. List the data (OrderId, CustomerId, Orderdate) of each customer's first order!

25. Display each of those customers (only CustomerID, CompanyName) who placed at least one order!