

FUNDAMENTALS OF DATABASES – PRACTICAL SESSION 2

On northwind database, write SQL statements to:

1. Write a query to get discontinued Product list (Product ID and name).
2. Retrieve the top 4 cheapest products
3. Write a query to get Product list (id, name, list_price) whose list_price cost between \$15 and \$25. Hint: using BETWEEN operator or comparison operators ($<$ $>$) combined with AND operator.
4. List employees with two columns: id, full_name which is constructed from first_name and last_name.
5. Find employees whose names start with 'A'.
6. Show how many different cities the employees living in.
7. Show ship_name of table orders without duplicated values.
8. Show the minimum, maximum of list price in Products table
9. Display the number of current (mean Discontinued = 0) products.
10. Show the average and standard deviation of the list_price of products.
11. Use subquery, show Product list (name, list_price) expensive than the average price.
12. Insert a new row to table Suppliers with the following values: company = 'Habeco', last_name = 'Nguyễn', first_name = 'Hồng Linh' city = 'Hanoi', country_region = 'Vietnam'
13. Insert a new product into table products with the following values: product_code = 'TBTruc Bach', SupplierID = the value corresponding to 'Habeco', list_price = 22, discontinued = 0, category = 'Beverages'
14. Modify the information of 'Truc Bach': standard_cost = 18.
15. Try deleting the row which is just inserted in table Suppliers.