

Database Technologies – Optional Assignment – Basics

Solve the following assignments on Northwind database.

1. Write a query to get Product name and quantity/unit.
2. Write a query to get current Product list (Product ID and name).
3. Write a query to get Product list (id, name, unit price) where current products cost less than \$20.
4. Write a query to get Product list (id, name, unit price) where products cost between \$15 and \$25.
5. Write a query to get CategoryName and Description from the Categories table.
6. Write a query to get ContactName, CompanyName, ContactTitle and Phone from the Customers table.
7. Write a query to get EmployeeID, Title, FirstName, LastName, and Region from the Employees table.
8. Write a query to get RegionID and RegionDescription from the Region table.
9. Write a query to get CompanyName, Fax, Phone and HomePage from the Suppliers table.
10. Write a query to get CategoryName and Description from the Categories table sorted by CategoryName.
11. Write a query to get ContactName, CompanyName, ContactTitle, and Phone from the Customers table sorted by Phone.
12. Create a report showing employees' first and last names and hire dates sorted from newest to oldest employee.
13. Create a report showing Northwind's orders sorted by Freight from most expensive to cheapest. Show OrderID, OrderDate, ShippedDate, CustomerID, and Freight.
14. Write a query to get CompanyName, Fax, Phone, HomePage and Country from the Suppliers table sorted by Country in descending order and then by CompanyName in ascending order.
15. Create a list of employees showing title, first name, and last name. Sort by Title in ascending order and then by LastName in descending order.
16. Create a report showing all the company names and contact names of Northwind's customers in Buenos Aires.
17. Create a report showing the product name, unit price and quantity per unit of all products that are out of stock.

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18. Create a report showing the order date, shipped date, customer id, and freight of all orders placed on May 19, 1997.
19. Create a report that shows the company name, contact name and fax number of all customers that have a fax number.
20. Create a report that shows the first and last name of all employees who do not report to anybody.

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