SQL PROJECT

The Northwind database is a sample database that has been widely used for teaching and practicing relational database concepts. It was originally created by Microsoft for demonstration purposes and is named after the fictitious Northwind Traders company, which is a wholesaler and importer of specialty food products. The
database contains a set of tables that represent different aspects of the company's
operations, such as customers, orders, products, suppliers, and employees. It is designed to showcase various database features, including relationships between tables, data types, queries, and reports. The Northwind database has become a standard tool for learning SQL and database management, and it continues to be widely used today in educational and professional settings.

In this project i answered the questions below. I First restore the
database to my server in Pgadmin4.

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 the Products by Category
4. Write a query to get discontinued Product list (Product ID and name).
5. Write a query to get most expense and least expensive Product list (name and unit price).
6. Write a query to get Product list (id, name, unit price) where current products cost less than $20.
7. Write a query to get Product list (id, name, unit price) where products cost between $15 and $25.

8. Write a query to get Product list (name, unit price) of above average price.

9. Write a query to get Product list (name, unit price) of ten most expensive products.

10. Write a query to count current and discontinued products.

11. Write a query to get Product list (name, units on order , units in stock) of stock is less than the quantity on order.

12. For each employee, get their sales amount.

13. Write a query that returns the order and calculates sales price for each order after discount is applied.

14. For each category, get the list of products sold and the total sales amount per product

15. Write a query that shows sales figures by categories for the year 1997 alone.