BASIC DATABASE – PRACTICAL SESSION 3

On northwind database, write SQL statements to:

1. List all orders made after ‘2006-03-24’
2. Show product_code, unit_price, quantity, value of orders details whose order_id = 31. Note: value can be calculated as unit_price * quantity * (1-discount)
3. Write a query to show the order id, order_date, the company name of customer, value of each row for orders made after ‘2006-03-24’
4. Write a query to show information of each order including: order id, order_date, company name, sub_total value of orders made after ‘2006-03-24’
5. Write a query to show information of each order including: order id, order_date, company name, sub_total of orders made after ‘2006-03-24’ and sub_total greater than or equal to 800. Hint: using HAVING
6. As the company will give rewards for employees who sold more than 1000$, the director needs a report listing these employees (full_name, sale in dolars) from high to low. Write a query for this report.
7. Create a view consisting all partners (customers and suppliers) of Northwind. The columns consist of company, full_name, email_address, and type (C for customers, S for suppliers).
8. Show all categories, eliminate duplicated rows, and sort the results according to alphabet order.
9. Show minimum, maximum, average, standard deviation, and variance of standard_cost of products.
10. Show the average list_price of each category.
11. Create a stored procedure listing top n categories whose average prices are highest. The procedure should accept n as a parameter.
12. Among avarage list_prices of categories above, show the minimum values.
13. For each purchase_order, show their id, full_name of person creating, and full_name of person approving.