**# SELECT / WHERE**

#1 Display all data about employees who live in Redmond.

#2 Display the code and name of all products that do not belong to the category: Beverages.

#3 Display all data for products with a purchase cost greater than 12,0000.

#4 Display the city, delivery address and carriage charge of an order whose carriage charge is between 20.0000 and 78.1223.

#5 Display all product information for products that have a specified minimum call number.

#6 Display all information about products that have a specified minimum number of calls and their cost is less than 10.0000.

#7 Display the name and city of residence of employees whose city of residence ends with nd.

#8 Display the name and city of residence of employees whose city of residence ends with nd and is not Redmond.

#9 Display information on customers who are not managers.

#10 Display information on customers whose first name begins with J or whose last name contains the letter o and are managers.

#11 Display information on products whose supplier id equals 4 or 6 or 7

**# ORDER BY**

#12 Display the first name, last name and city of residence of employees whose city of residence ends in nd and is not Redmond. Sort results from Z to A by first name.

#13 Display all sorted products from smallest purchase price (standard\_cost).

#14 Show all sorted products from smallest purchase price (standard\_cost) to largest selling price (list\_price).

**# DISTINCT**

#15 Provide a list of occupations (cannot be repeated) that our customers have.

#16 Display a list of product categories that we have in the database. Sort by category name in descending order.

**# AS**

#17 Present a report to the management with the following columns: FirstName\_Employee, LastName\_Employee, City. Include only Seattle employees on the report.

#18 Present a report to your supervisor that will include the city, delivery address and freight charge of an order whose freight charge is between 19.1256 and 78.1999.

**# COUNT()**

#19 Count all orders.

#20 Count the number of all orders paid with credit cards.

#21 Count the number of all unpaid orders.

**# MAX() / MIN() / AVG() / SUM()**

#22 Display the maximum shipping charge for your order.

#23 What is the cheapest product bought from delivery with id = 10.

#24 What is the average shipping charge on assumed orders, considering only the charge greater than 0.

#25 How much of the Northwind Traders Coffee product (id=43) was ordered in total.

**# GROUP BY()**

#26 Display the minimum cost of the product in the category.

#27 Indicate which occupations customers have and how many have declared an occupation.

**# INNNER JOIN**

#28 Display all product details and the details of the company that supplies it.

#29 Display the name of the product and the name of the company that supplies it. Sort by company name from A to Z.

#30 Display the details of customers (first name, last name, address, city, country) who have not yet paid for the order.

**# LEFT JOIN**

#31 Prepare a report that contains all the data on the orders and the companies that supply the order. The report should include all orders including those without a supplier yet specified.

#32 Verify that all customers have already placed an order. Display the names of all customers together with the order date and the delivery date of the order.

#33 Verify for accounting that all invoices have already been paid. Prepare a report with 'Invoice date' and 'Payment date' columns.

**# RIGHT JOIN ()**

#34 The Directorate requests that a report be prepared to show whether all employees have placed orders. The report should include the date of the order, the name of the employee and his/her job position. How many employees did not place an order?

#35 Prepare a statement that includes the following data: customer name, order date and delivery date.

#36 Verify for accounting that all invoices have been issued. Prepare a report with the order without the invoice columns 'Form of payment', 'Payment date' and 'Invoice date'.