

1. Select CategoryName and Description from the Categories table sorted by CategoryName.
2. Select ContactName, CompanyName, ContactTitle, and Phone from the Customers table sorted by Phone.
3. Create a report showing employees' first and last names and hire dates sorted from newest to oldest employee.
4. Create a report showing Northwind's orders sorted by Freight from most expensive to cheapest. Show OrderID, OrderDate, ShippedDate, CustomerID, and Freight.
5. Select CompanyName, Fax, Phone, HomePage and Country from the Suppliers table sorted by Country in descending order and then by CompanyName in ascending order.
6. Create a report showing all the company names and contact names of Northwind's customers in Buenos Aires.
7. Create a report showing the product name, unit price and quantity per unit of all products that are out of stock.
8. Create a report showing the order date, shipped date, customer id, and freight of all orders placed on May 19, 1997.
9. Create a report showing the first name, last name, and country of all employees not in the United States.
10. Create a report that shows the employee id, order id, customer id, required date, and shipped date of all orders that were shipped later than they were required.
11. Create a report that shows the city, company name, and contact name of all customers who are in cities that begin with "A" or "B."
12. Create a report that shows all orders that have a freight cost of more than \$500.00.
13. Create a report that shows the product name, units in stock, units on order, and reorder level of all products that are up for reorder
14. Create a report that shows the company name, contact name and fax number of all customers that have a fax number.
15. Create a report that shows the first and last name of all employees who do not report to anybody
16. Create a report that shows the company name, contact name and fax number of all customers that have a fax number. Sort by company name.
17. Create a report that shows the city, company name, and contact name of all customers who are in cities that begin with "A" or "B." Sort by contact name in descending order
18. Create a report that shows the first and last names and birth date of all employees born in the 1950s.
19. Create a report that shows the product name and supplier id for all products supplied by Exotic Liquids, Grandma Kelly's Homestead, and Tokyo Traders. *Hint:* you will need to first do a separate SELECT on the Suppliers table to find the supplier ids of these three companies.
20. Create a report that shows the shipping postal code, order id, and order date for all orders with a ship postal code beginning with "02389".
21. Create a report that shows the contact name and title and the company name for all customers whose contact title does not contain the word "Sales".
22. Create a report that shows the first and last names and cities of employees from cities other than Seattle in the state of Washington.
23. Create a report that shows the company name, contact title, city and country of all customers in Mexico or in any city in Spain except Madrid.
24. Write a SELECT statement that outputs the following.

	ContactInfo
1	Nancy Davolio can be reached at x5467.
2	Andrew Fuller can be reached at x3457.
3	Janet Leverling can be reached at x3355.
4	Margaret Peacock can be reached at x5176.
5	Steven Buchanan can be reached at x3453.
6	Michael Suyama can be reached at x428.
7	Robert King can be reached at x465.
8	Laura Callahan can be reached at x2344.
9	Anne Dodsworth can be reached at x452.

25. Create a report that shows the units in stock, unit price, the total price value of all units in stock, the total price value of all units in stock rounded down, and the total price value of all units in stock rounded up. Sort by the total price value descending.
26. SQL SERVER AND MYSQL USERS ONLY: In an [earlier demo](#), you saw a report that returned the age of each employee when hired. That report was not entirely accurate as it didn't account for the month and day the employee was born. Fix that report, showing both the original (inaccurate) hire age and the actual hire age. The result will look like this.

	HireAgeAccurate	HireAgeInaccurate
1	43.424657	44
2	40.512328	40
3	28.608219	29
4	55.657534	56
5	38.649315	38
6	30.315068	30
7	33.619178	34
8	36.175342	36
9	28.819178	28

27. Create a report that shows the first and last names and birth month (as a string) for each employee born in the current month.
28. Create a report that shows the contact title in all lowercase letters of each customer contact.
29. The above SELECT statement will return the following results

	CompanyName
1	Blondesdds1 père et fils
2	Centro comercial Moctezuma
3	Chop-suey Chinese
4	Ernst Handel
5	Folk och få HB
6	Frankenversand
7	GROSELLA-Restaurante
8	Hanari Carnes
9	HILARION-Abastos
10	Ottillies Käseladen
11	Que Delicia
12	Rattlesnake Canyon Grocery
13	Richter Supermarkt
14	Suprêmes délices
15	Toms Spezialitäten
16	Victuailles en stock
17	Vins et alcools Chevalier
18	Wartian Herkku
19	Wellington Importadora
20	White Clover Markets

30. Create a report that shows all products by name that are in the Seafood category.
31. Create a report that shows all companies by name that sell products in CategoryID 8.
32. Create a report that shows all companies by name that sell products in the Seafood category.
33. Create a report that shows the order ids and the associated employee names for orders that shipped after the required date. It should return the following. There should be 37 rows returned.

	FirstName	LastName	OrderID
1	Steven	Buchanan	10320
2	Laura	Callahan	10380
3	Laura	Callahan	10545
4	Laura	Callahan	10596
5	Laura	Callahan	10660
6	Nancy	Davolio	10709
7	Nancy	Davolio	10827
8	Anne	Dodsworth	10828
9	Anne	Dodsworth	10687
10	Anne	Dodsworth	10705
11	Anne	Dodsworth	10970
12	Andrew	Fuller	10663
13	Andrew	Fuller	10727
14	Andrew	Fuller	10515
15	Andrew	Fuller	10280
16	Robert	King	10523
17	Robert	King	10483
18	Robert	King	10593
19	Robert	King	10777
20	Janet	Leverling	10779
21	Janet	Leverling	10924
22	Janet	Leverling	10433

34. Create a report that shows the total quantity of products (from the Order_Details table) ordered. Only show records for products for which the quantity ordered is fewer than 200. The report should return the following 5 rows.

	ProductName	TotalUnits
1	Chocolate	138
2	Genen Shouyu	122
3	Gravad lax	125
4	Laughing Lumberjack Lager	184
5	Mishi Kobe Niku	95

35. Create a report that shows the total number of orders by Customer since December 31, 1996. The report should only return rows for which the NumOrders is greater than 15. The report should return the following 5 rows.

	CompanyName	NumOrders
1	Save-a-lot Markets	28
2	Ernst Handel	24
3	QUICK-Stop	22
4	Folk och fä HB	16
5	HILARION-Abastos	16

36. Create a report that shows the company name, order id, and total price of all products of which Northwind has sold more than \$10,000 worth. There is no need for a GROUP BY clause in this report.

	CompanyName	OrderID	TotalPrice
1	Hanari Carnes	10981	15810.0
2	QUICK-Stop	10865	15019.5
3	Rattlesnake Canyon Grocery	10889	10540.0
4	Simons bistro	10417	10540.0