SQL

Exercise 1 (Northwind)

1. Select he names of products and the companies that supply the products. Products without listed suppliers and suppliers without current products should be not included in the result set.

2. Select the names of customers who placed orders after 1/1/98

Exercise 2 (Northwind)

1. Display a list of products ordered each day

2. Display a list of products ordered 7/8/96

3. Display a list of products ordered in 1997

Exercise 3 (Northwind)

1. Select customers with order dates. Customers without any order should be not included in the result set

2. Select all customers with order dates

3. Select customers without any order

4. Select all customers without any order in 1997

Exercise 4 (Northwind)

1. Select pairs of employees who have the same job title

2. Select employees and their subordinates

3. Select employees without subordinates

Exercise 5 (Northwind)

1. For each product display its category name and its supplier name

2. Display customers who have bought products from the „confections” category

3. Display customers who have not bought products from the „confections” category

4. Display customers who have not bought products from the „confections” category in may 1997

Exercise 6 (Northwind)

1. For each customer display the number of orders

2. For each customer display the number of orders in march 1997

3. For each customer display the number of orders by each month

Exercise 7 (Northwind)

1. For each shipper display the number of orders

2. For each shipper display the number of orders in march 1997

3. For each shipper display the number of orders by each month

4. Which shipper was most active in 1997

Exercise 8 (Northwind)

1. Display the total amount of the order 10250

2. For each order display its total amount

3. Display the total amount (including freight) of the order 10250

4. For each order display its total amount (including freight)

Exercise 9 (Northwind)

1. For each customer display the total amount of its orders

2. For each customer display the total amount (inluding freight) of its orders

Exercise 10 (Library)

1. Write a query on the member and adult tables that returns the firstname, middleinitial, lastname, street, city, state, and zip values. Concatenate the firstname, middleinitial and lastname columns into one string and alias the column as name.

2. Retrieve the member's full name and member_no from the member table and the isbn and log_date values from the reservation table for member numbers 250, 341, and 1675. Order the results by member_no. You should show information for these members, even if they have no books on reserve

Exercise 11 (Library)

1. For each member of the library show the number of reserved books. Show the memer firstname, lastname and a number of reserved books

2. For each adult member of the library show the number of reserved books. Show them memer firstname, lastname, address and a number of reserved books

1. For each member of the library show the number of currently loaned books. Show the memer firstname, lastname and a number of reserved books

2. For each member of the library show the number of books returned in 2001. Show the memer firstname, lastname and a number of books

Exercise 12 (Library)

1. For each title show the number of copies

2. For each title show the number of reserved books

3. For each title show the number books returned in may 2001

Exercise 13 (Library)

1. Write a SELECT statement that returns member_no, firstname, lastname and the number of juvenile records that each member has in a calculated field called numkids. Only return records for library members living in Arizona that have more than two kids.

2. Modify the query in step 2 such so that it only returns records for library members living in California that have more than three children with library cards.