SQL

Northwind

Exercise 1

1. Show the number of orders ordered by each customer

2. Show the number of products in each category

3. Show the average price fo products in each category

4. Show the amount of the order 10250

Exercise 2

1. Calculate the total sale amount for each order in the order details table, and return the results in descending order.

2. Modify the query described in 1) so that the query returns the first ten rows.

3. Modify the query described in 2 to return the top ten products (including ties) having the highest total quantity

Exercise 3

1. Show the total amount for each order

2. How many orders was shipped by each shipper in 1997

3. Which shipper was most active in 1997

Library

Exercise 4

1. Show the number of adult members of the library

2. Show the number of children who are members of the library

3. Show the number of adult members of the library who live in Arizona

Exercise 5

1. For each members of the library show the number of reserved books

2. For each members of the library show the number of currently loaned books

3. For each members of the library show the number of books returned in 2001

Exercise 6

1. **For each title (title number) show the number of copies**

2. **For each title (title number) show the number of reserved books**

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

Exercise 7

1. For each library member, show the information when did he read the first book

2. For each library member, show the information when did he read the last book

3. For each library member, show the average fine paid in 2000