SQL EXERCISES

1 – SELECT (ONE TABLE)

1. Find all the French customers
2. Find first name and last name on employees with the title "sales rep"
3. Find name and description of the motorcycle models that cost between 50$ and 100$
4. Find the customer numbers for the orders that have been cancelled
5. Find product lines and vendor for products with size 1:18

2 – ORDER BY

1. List all the motorcycles sorted by product name
2. List models with less than 1000 in stock sorted by quantity in stock with highest quantity at the top of the list
3. List the Norwegian customers' customer name and contact person sorted by the contact person's first name

3 – FUNCTIONS

1. How many German customers are there?
2. What is the average price for classic car models?
3. What is the price of the most expensive model from 'Autoart Studio Design'?
4. How many different countries do the customers come from?
5. What is the quantity in stock for 1:12 models?
6. What is the highest profit amongst the products?

4 – GROUP BY

1. What is the average price for each product line?
2. How many different products does each vendor have?
3. What is the profit percentage wise based on product scale?
4. How many orders for each order status type?
5. How many orders do each customer?

5 – SELECT (MANY TABLES)

1. Find all customer names and the name of the employee responsible for the customer
2. Find all customer names and the name of the employee responsible for the customer for italian customers
3. Find all customer countries and the names of the employees responsible for customers in the countries

6 – UPDATE

1. Update Leslie Jenning's last name to "Smith"
2. Update Roland Keitel's first name to "Dr. Roland"
3. Update all spanish customers to be associated with employee Martin Gerard
4. Update all motorcycles' MSRP with extra 10%
5. Update all customers med null in addressLine2 to an empty string

7 – INSERT

1. Insert a new product called bike and with some description
2. Insert a new office for Copenhagen
3. Insert two new products called mountainbike and triathlonbike at the same time

8 – DELETE

1. Delete all payments older than '2003-06-18'
2. Delete all customers with customer numbers lower than 150

9 – JOIN

1. List all orders with order number, customer name and order date
2. List all customers with customer name who have no orders