**Structured Query Language (SQL)**

**Preparation**

* Start phpMyAdmin and create new database "Academy", using the provided script
* Connect to the database "Academy". Examine the major tables in the "Academy" database.

**Tasks**

1. Write a SQL query to find all information about all departments (use "Academy" database).
2. Write a SQL query to find all department names.
3. Write a SQL query to find the salary of each employee.
4. Write a SQL to find the full name of each employee.
5. Write a SQL query to find the email addresses of each employee (by his first and last name). Consider that the mail domain is telerik.com. Emails should look like “[John.Doe@vsc.com](mailto:John.Doe@vsc.com)". The produced column should be named "Full Email Addresses".
6. Write a SQL query to find all different employee salaries.
7. Write a SQL query to find all information about the employees whose job title is “Sales Representative“.
8. Write a SQL query to find the names of all employees whose first name starts with "SA".
9. Write a SQL query to find the names of all employees whose last name contains "ei".
10. Write a SQL query to find the salary of all employees whose salary is in the range [20000…30000].
11. Write a SQL query to find the names of all employees whose salary is 25000, 14000, 12500 or 23600.
12. Write a SQL query to find all employees that do not have manager.
13. Write a SQL query to find all employees that have salary more than 50000. Order them in decreasing order by salary.
14. Write a SQL query to find the top 5 best paid employees.
15. Write a SQL query to find all employees and their address.
16. Write a SQL query to find all employees that have manager, along with their manager.
17. Write a SQL query to find all employees that have manager, along with their manager and their address.
18. Write a SQL query to find all departments and all town names as a single list.
19. Write a SQL query to find all the employees and the manager for each of them along with the employees that do not have manager.
20. Write a SQL query to find the names of all employees from the departments "Sales" and "Finance" whose hire year is between 1995 and 2005.