Homework

1.Write a SQL query to find the names of all employees whose first name starts with "SA".

2.Write a SQL query to find the names of all employees whose last name contains "ei".

3.Write a SQL query to find the salary of all employees whose salary is in the range [20000…30000].

4.Write a SQL query to find the names of all employees whose salary is 25000, 14000, 12500 or 23600.

5.Write a SQL query to find all employees that do not have manager.

6.Write a SQL query to find all employees that have salary more than 50000. Order them in decreasing order by salary.

7.Write a SQL query to find the top 5 best paid employees.

8.Write a SQL query to find all employees along with their address.

Use inner join with ON clause.

9.Write a SQL query to find all employees and their address.

Use equijoins (conditions in the WHERE clause).

You should submit a SQL file as a part of your homework.

10.Write a SQL query to find all employees along with their manager.

11.Write a SQL query to find all employees, along with their manager and their address.

You should join the 3 tables: Employees e, Employees m and Addresses a.

12.Write a SQL query to find all departments and all town names as a single list.

Use UNION.

13.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.

Use right outer join. Rewrite the query to use left outer join.

14.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.