

Lab: Subqueries and Joins

You can check your solutions here: <https://judge.softuni.org/Contests/3143/Revision-Exercises>.

SoftUni Database

1. Addresses with Towns

Write a query that selects:

- **FirstName**
- **LastName**
- **Town**
- **AddressText**

Sorted by **FirstName** in **ascending** order then by **LastName**. Select **first 50** employees.

Example:

FirstName	LastName	Town	AddressText
A.Scott	Wright	Newport Hills	1400 Gate Drive
Alan	Brewer	Kenmore	8192 Seagull Court
...

2. Sales Employee

Write a query that selects:

- **EmployeeID**
- **FirstName**
- **LastName**
- **DepartmentName**

Sorted by **EmployeeID** in **ascending** order. Select only **employees** from "Sales" department.

Example:

EmployeeID	FirstName	LastName	DepartmentName
268	Stephen	Jiang	Sales
273	Brian	Welcker	Sales
...

3. Employees Hired After

Write a query that selects:

- **FirstName**
- **LastName**
- **HireDate**
- **DeptName**

Filter only **employees hired after 1.1.1999** and are from either "**Sales**" or "**Finance**" departments, **sorted** by **HireDate** (ascending).

Example:

FirstName	LastName	HireDate	DeptName
Debora	Poe	2001-01-19 00:00:00	Finance
Wendy	Kahn	2001-01-26 00:00:00	Finance
...

4. Employee Summary

Write a query that selects:

- **EmployeeID**
- **EmployeeName**
- **ManagerName**
- **DepartmentName**

Show **first 50 employees** with their **managers** and the **departments** they are in (show the departments of the employees). **Order by EmployeeID**.

Example

EmployeeID	EmployeeName	ManagerName	DepartmentName
1	Guy Gilbert	Jo Brown	Production
2	Kevin Brown	David Bradley	Marketing
3	Roberto Tamburello	Terri Duffy	Engineering
...

5. Min Average Salary

Write a query that **returns** the value of the **lowest average salary** of all **departments**.

Example:

MinAverageSalary
10866.6666