Lab: Subqueries and JOINs

This document defines the lab assignments for [MySQL Course @ Software University](#).

You will use the **soft_uni database** to write queries for the following exercises.

1. Managers

Write a query to retrieve information about the **managers** – `id`, `full_name`, `deparment_id` and `department_name`. Select the **first 5** departments ordered by `employee_id`. Submit your queries using the "**MySQL prepare DB and Run Queries**" strategy.

Example

employee_id	full_name	department_id	department_name
3	Roberto Tamburello	10	Finance
4	Rob Walters	2	Tool Design
…	…	…	…

2. Towns Addresses

Write a query to get information about the **addresses** in the database, which are in **San Francisco**, **Sofia** or **Carnation**. Retrieve `town_id`, `town_name`, `address_text`. Order the result by `town_id`, then by `address_id`. Submit your queries using the "**MySQL prepare DB and Run Queries**" strategy.

Example

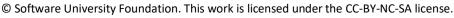| town_id	town_name	address_text
9	San Fransisco	1234 Seaside Way
9	San Fransisco	5725 Glaze Drive
15	Carnation	1411 Ranch Drive
…	…	…

3. Employees Without Managers

Write a query to get information about `employee_id`, `first_name`, `last_name`, `department_id` and `salary` for all employees who **don't have** a manager. Submit your queries using the "**MySQL prepare DB and Run Queries**" strategy.

Example

employee_id	first_name	last_name	department_id	salary
109	Ken	Sanchez	16	125 500
291	Svetlin	Nakov	6	48 000
292	Martin	Kulov	6	48 000
293	George	Denchev	6	48 000

4. Higher Salary

Write a query to count the number of employees who receive **salary** higher than the **average**. Submit your queries using the "**MySQL prepare DB and Run Queries**" strategy.

Example

count
88