SE 2222 Database Systems

Week 8

1 Context

In this lab-work, you're expected to write SQL statements for given questions in order to get familiar with basic SQL statements by

- using character manipulation functions
- displaying data from multiple tables

2 Problem Description

Questions are listed below. You will be using tables created by the demo.sql script.

1. Display employee names in uppercase along with their job titles in lowercase.

2. Display the first three characters of each employee's name

3. Display names and jobs of employees concatenated with "/" and use the alias "EMPLOYEES"

4. Display names of employees and the number of characters in their names

5. Display names of employees with department names

6. Display department names and employee names (all departments must be displayed)

7. Display a list of departments that have no employees

8. Display names, salaries, and salary grades of employees

9. Display names of employees and names of their managers

10. Display the details of employees who earn a commission, including their employee number, employee name, job, salary, commission, department number, and department name.