SQL Homework

CREATE TABLE departments (

dept\_no INT,

dept\_name VARCHAR

);

CREATE TABLE dep\_emp (

emp\_no INT,

dept\_no INT,

from\_date DATE,

to\_date DATE

);

CREATE TABLE department\_manager (

dept\_no INT,

emp\_no INT,

from\_date DATE,

to\_date DATE

);

CREATE TABLE employee (

emp\_no INT,

birth\_date DATE,

first\_name VARCHAR,

last\_name VARCHAR,

gender VARCHAR,

hire\_date DATE

);

CREATE TABLE salaries (

emp\_no INT,

salary INT,

from\_date DATE,

to\_date DATE

);

CREATE TABLE titles (

emp\_no INT,

title VARCHAR,

from\_date DATE,

to\_date DATE

);

-- 1. List the following details of each employee: employee number, last name, first name, gender, and salary.

-- 2. List employees who were hired in 1986.

-- 3. List the manager of each department with the following information: department number, department name, the manager's employee number, last name, first name, and start and end employment dates.

-- 4. List the department of each employee with the following information: employee number, last name, first name, and department name.

-- 5. List all employees whose first name is "Hercules" and last names begin with "B."

-- 6. List all employees in the Sales department, including their employee number, last name, first name, and department name.

-- 7. List all employees in the Sales and Development departments, including their employee number, last name, first name, and department name.

-- 8. In descending order, list the frequency count of employee last names, i.e., how many employees share each last name.