-- SELECT \* FROM employees limit 10

-- CREATE TABLE departments (

-- dept\_no CHAR(4) NOT NULL,

-- dept\_name VARCHAR(40) NOT NULL,

-- PRIMARY KEY (dept\_no));

-- SELECT \* FROM departments limit 10

-- CREATE TABLE dept\_manager (

-- dept\_no CHAR(4) NOT NULL,

-- emp\_no INT NOT NULL,

-- from\_date DATE NOT NULL,

-- to\_date DATE NOT NULL,

-- FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no),

-- FOREIGN KEY (dept\_no) REFERENCES departments (dept\_no),

-- PRIMARY KEY (emp\_no,dept\_no));

-- SELECT \* FROM dept\_manager limit 10

-- CREATE TABLE dept\_emp (

-- emp\_no INT NOT NULL,

-- dept\_no CHAR(4) NOT NULL,

-- from\_date DATE NOT NULL,

-- to\_date DATE NOT NULL,

-- FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no) ,

-- FOREIGN KEY (dept\_no) REFERENCES departments (dept\_no),

-- PRIMARY KEY (emp\_no,dept\_no));

-- SELECT \* FROM dept\_emp limit 10

-- CREATE TABLE titles (

-- emp\_no INT NOT NULL,

-- title VARCHAR(50) NOT NULL,

-- from\_date DATE NOT NULL,

-- to\_date DATE NOT NULL,

-- FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no),

-- PRIMARY KEY (emp\_no,title, from\_date));

-- SELECT \* FROM titles limit 10

-- CREATE TABLE salaries (

-- emp\_no INT NOT NULL,

-- salary INT NOT NULL,

-- from\_date DATE NOT NULL,

-- to\_date DATE NOT NULL,

-- FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no),

-- PRIMARY KEY (emp\_no, from\_date));

-- SELECT \* FROM salaries limit 10

-- SELECT

-- e.emp\_no,

-- e.last\_name,

-- e.first\_name,

-- e.gender,

-- s.salary

-- FROM employees e JOIN salaries s ON e.emp\_no = s.emp\_no

-- ;

-- SELECT

-- hire\_date, first\_name, last\_name FROM employees

-- WHERE extract(year from hire\_date) = '1986'

-- ;

-- SELECT

-- m.dept\_no,

-- dept\_name,

-- m.emp\_no,

-- last\_name,

-- first\_name,

-- m.from\_date,

-- m.to\_date FROM dept\_manager m

-- LEFT JOIN departments on m.dept\_no = departments.dept\_no

-- LEFT JOIN employees on m.emp\_no = employees.emp\_no;

-- SELECT

-- e.emp\_no,

-- last\_name,

-- first\_name,

-- dept\_name

-- FROM employees e

-- LEFT JOIN dept\_emp d

-- ON e.emp\_no = d.emp\_no

-- LEFT JOIN departments

-- ON d.dept\_no = departments.dept\_no;

-- SELECT \* FROM employees

-- WHERE(first\_name LIKE 'Hercules' AND last\_name LIKE 'B%');

-- Select

-- e.emp\_no,

-- last\_name,

-- first\_name,

-- dept\_name

-- FROM employees e

-- LEFT JOIN dept\_emp d

-- ON e.emp\_no = d.emp\_no

-- LEFT JOIN departments

-- ON d.dept\_no = departments.dept\_no

-- WHERE departments.dept\_name lIKE 'Sales';

-- Select

-- e.emp\_no,

-- last\_name,

-- first\_name,

-- dept\_name

-- FROM employees e

-- LEFT JOIN dept\_emp d

-- ON e.emp\_no = d.emp\_no

-- LEFT JOIN departments

-- ON d.dept\_no = departments.dept\_no

-- WHERE departments.dept\_name lIKE 'Sales'

-- OR departments.dept\_name LIKE 'Development';

-- SELECT

-- last\_name,

-- COUNT(last\_name) AS "name\_count"

-- from employees

-- GROUP BY last\_name

-- ORDER BY name\_count DESC;