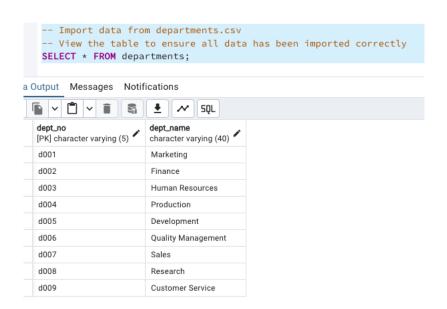
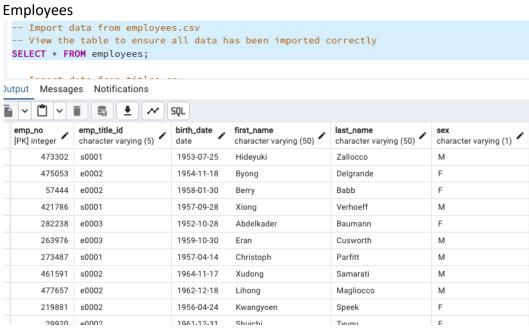


```
> 🥞 Foreign Data Wrappers
                                         Query Query History
> 🤤 Languages
                                             -- Create departments table
> 🖒 Publications
                                        23 v CREATE TABLE departments (
                                               dept_no VARCHAR(5) PRIMARY KEY NOT NULL,
/ 💖 Schemas (1)
                                        24
                                        25
                                                dept_name VARCHAR (40) NOT NULL
 V 📀 public
                                        26
                                             );
   > 🖟 Aggregates
                                        27
   > 🔠 Collations
                                        28
                                              -- Create All Tables
   > 🏠 Domains
                                        29
                                             -- Create employees table
                                        30
   > 🖟 FTS Configurations
                                        31 v CREATE TABLE employees (
   > 🏗 FTS Dictionaries
                                        32
                                               emp_no INT PRIMARY KEY NOT NULL,
   > Aa FTS Parsers
                                        33
                                                emp_title_id VARCHAR(5) NOT NULL,
   > @ FTS Templates
                                        34
                                                birth_date date NOT NULL,
                                        35
                                                first_name VARCHAR (50) NOT NULL,
   > 📑 Foreign Tables
                                               last name VARCHAR (50),
                                        36
   > (ii) Functions
                                                sex VARCHAR(1) NOT NULL,
                                        37
   > 🔯 Materialized Views
                                        38
                                              hire_date date NOT NULL
   > <table-of-contents> Operators
                                        39
                                              );
   > ( ) Procedures
                                        40
                                        41
                                              -- Create titles table
   > 1..3 Sequences
                                        42 V CREATE TABLE titles (

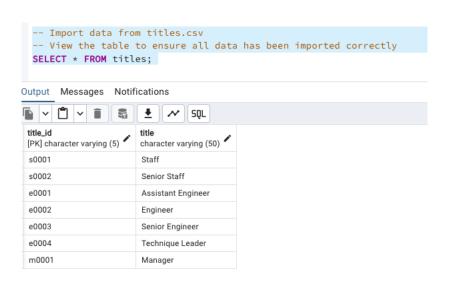
√ I Tables (6)

                                               title_id VARCHAR(5) PRIMARY KEY NOT NULL,
                                        43
     > 🖽 departments
                                        44
                                               title VARCHAR(50) NOT NULL
     > 🔠 dept_emp
                                        45
                                              );
                                        46
     > III dept_manager
                                        47
                                              -- Create dept_emp table
     > 🛗 employees
                                             -- use composite primary key
                                        48
     > 🛗 salaries
                                        49 v CREATE TABLE dept_emp (
     > 🛗 titles
                                        50
                                               emp_no INT NOT NULL,
                                                dept_no VARCHAR(5) NOT NULL,
   > ( Trigger Functions
                                        51
                                                PRIMARY KEY (emp_no, dept_no),
                                        52
   > 🛅 Types
                                              FORETCH VEV /om
   > 🧓 Views
                                         Data Output Messages Notifications
```

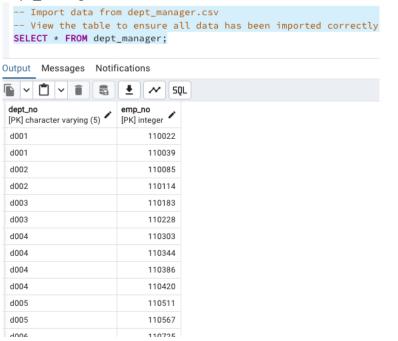




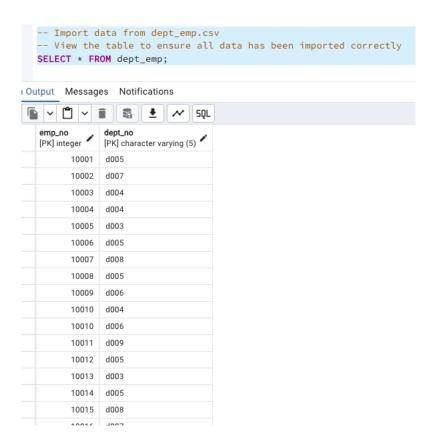
Titles



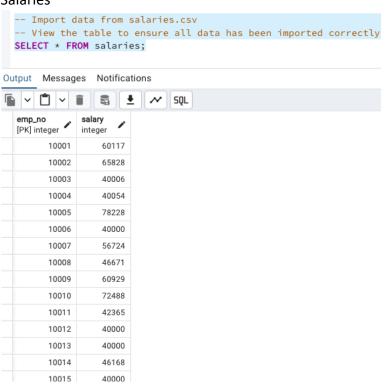
Dept_manager



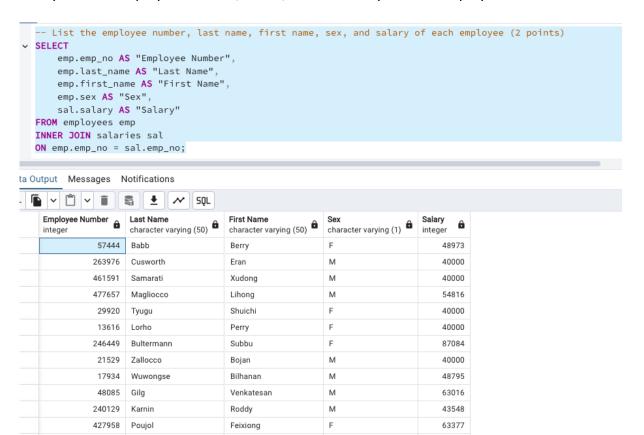
Dept_emp



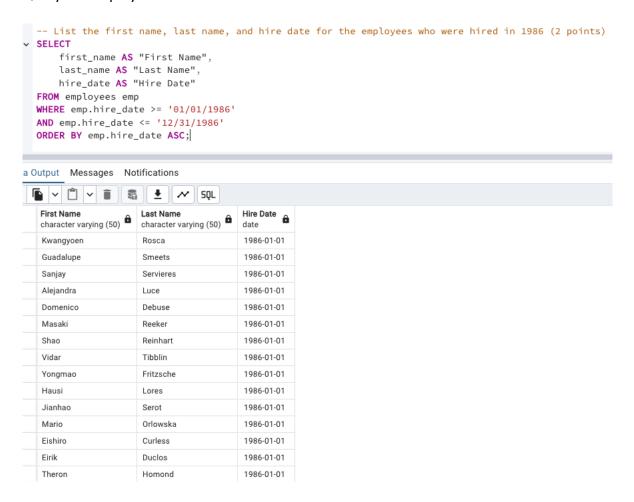
Salaries



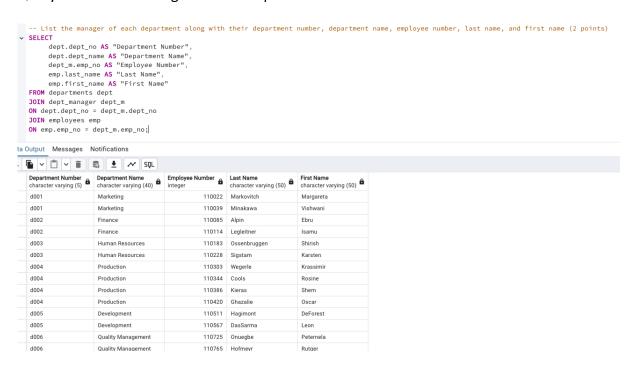
Query 1 – List Employee Number, Name, Sex and Salary of each Employee



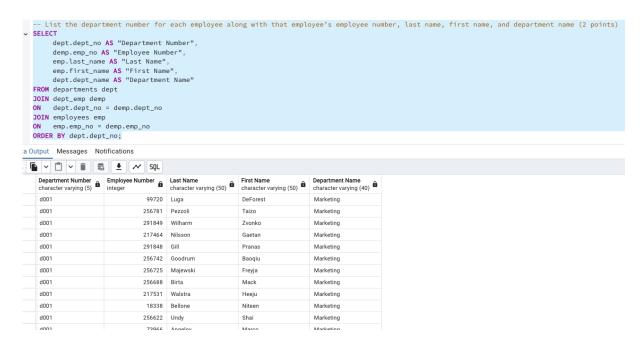
Query 2 - Employee Hired in 1986



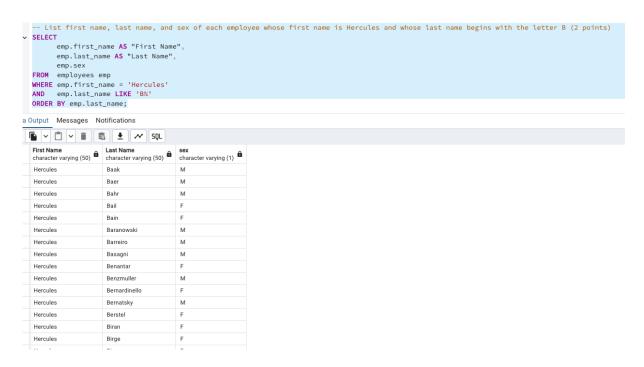
Query 3 - List the manager of each department



Query 4 – List department number for each employee



Query 5 – List Name and Sex of each employee with first name Hercules and last name starts with B



Query 6 – List employees in sales department

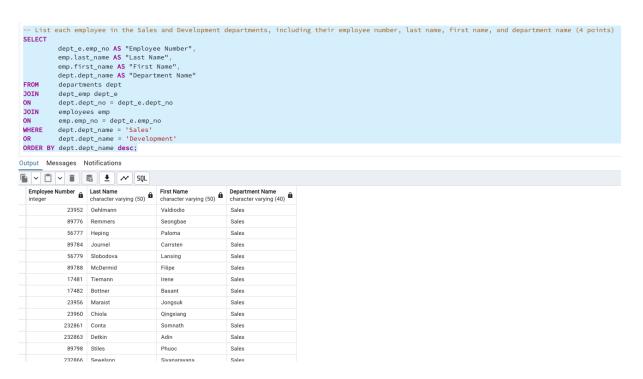
10099 Sullins

Sales

```
-- List each employee in the Sales department, including their employee number, last name, and first name (2 points)
SELECT
            dept.dept_name AS "Department Name",
            emp.emp_no AS "Employee Number",
            emp.last_name AS "Last Name"
            emp.first_name AS "First Name"
            departments dept
  JOIN
            dept_emp dept_e
  ON
            dept.dept_no = dept_e.dept_no
  JOIN
            employees emp
            emp.emp_no = dept_e.emp_no
  ON
  WHERE
            dept.dept name = 'Sales'
  ORDER BY dept.dept_no;
a Output Messages Notifications
 🖺 ∨ 📋 ∨ 🝵 👼 👲 🕢 SQL
                      Employee Number Last Name character varying (50)
   Department Name character varying (40) ≜
                                                            First Name
                                                            character varying (50)
   Sales
                                  10002 Simmel
                                                             Bezalel
                                  10016 Cappelletti
   Sales
                                  10034
                                                             Bader
   Sales
                                  10041
                                                             Uri
   Sales
                                  10050 Dredge
                                                             Yinghua
   Sales
                                  10053 Zschoche
                                                             Sanjiv
                                  10060 Billingsley
                                                             Breannda
   Sales
                                  10061 Herber
   Sales
                                                             Tse
                                  10068 Brattka
                                                             Charlene
   Sales
   Sales
                                  10087 Eugenio
                                                             Xinglin
                                  10088 Syrzycki
                                                             Jungsoon
   Sales
                                  10093 Desikan
   Sales
                                  10095 Morton
                                                             Hilari
```

Valter

Query 7 – List Employees in Sales and Development departments



Query 8 - List how many employees has same last names

