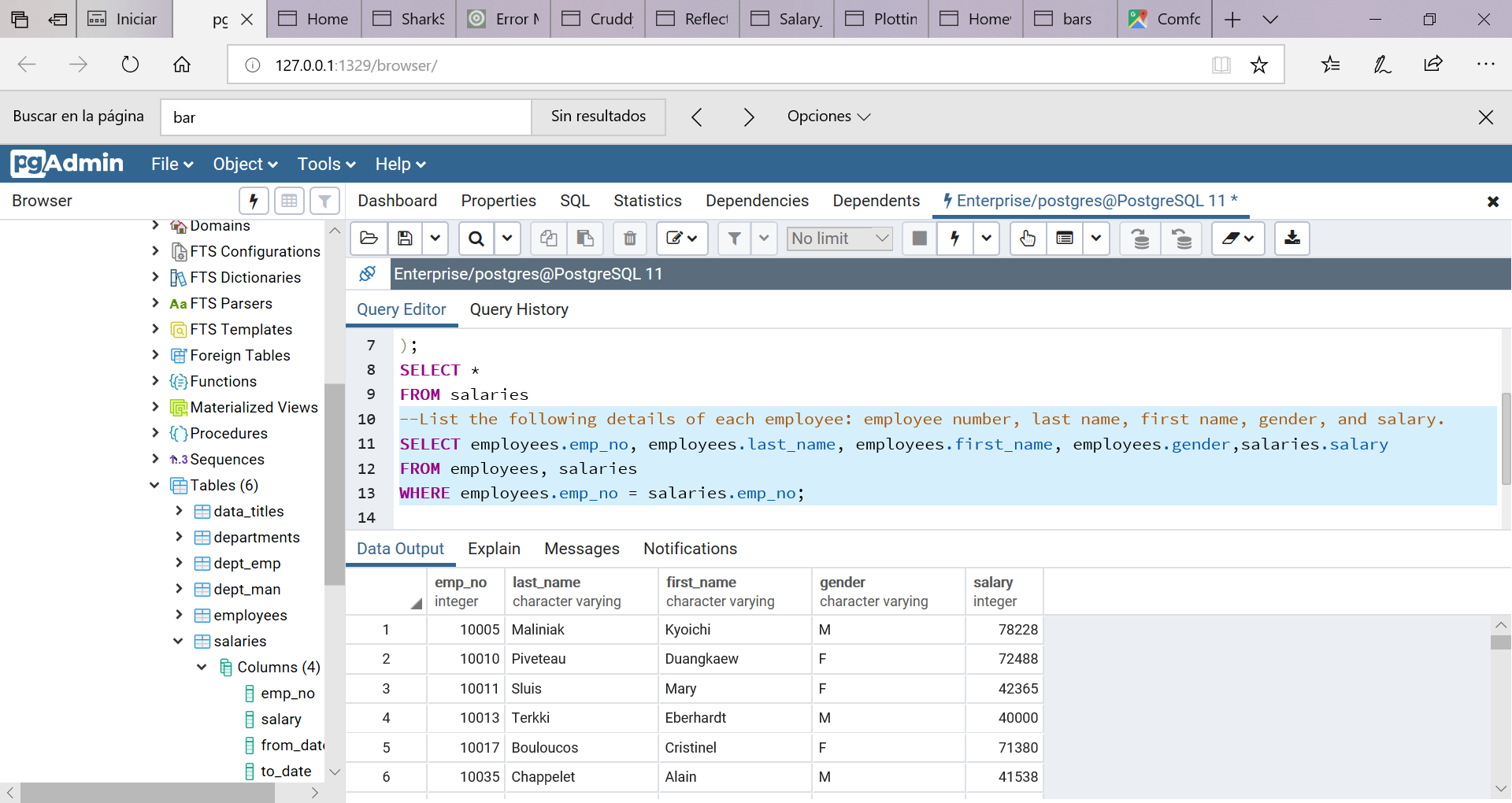
HOMEWORK

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

SELECT employees.emp\_no, employees.last\_name, employees.first\_name, employees.gender,salaries.salary

FROM employees, salaries

WHERE employees.emp\_no = salaries.emp\_no;

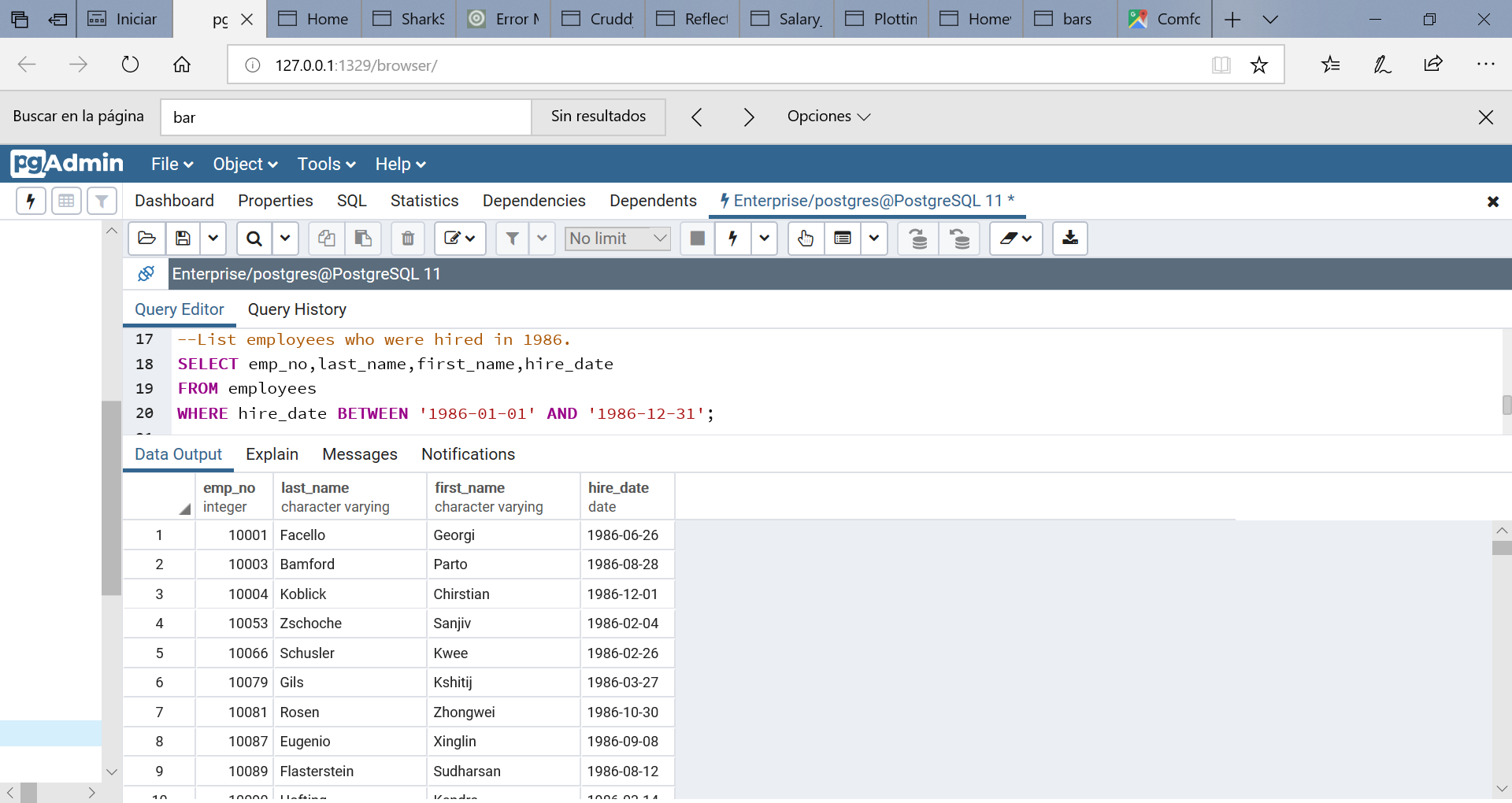


--2.-List employees who were hired in 1986.

SELECT emp\_no,last\_name,first\_name,hire\_date

FROM employees

WHERE hire\_date BETWEEN '1986-01-01' AND '1986-12-31';



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.

SELECT departments.dept\_no, departments.dept\_name, dept\_man.emp\_no, employees.last\_name, employees.first\_name, dept\_man.from\_date, dept\_man.to\_date

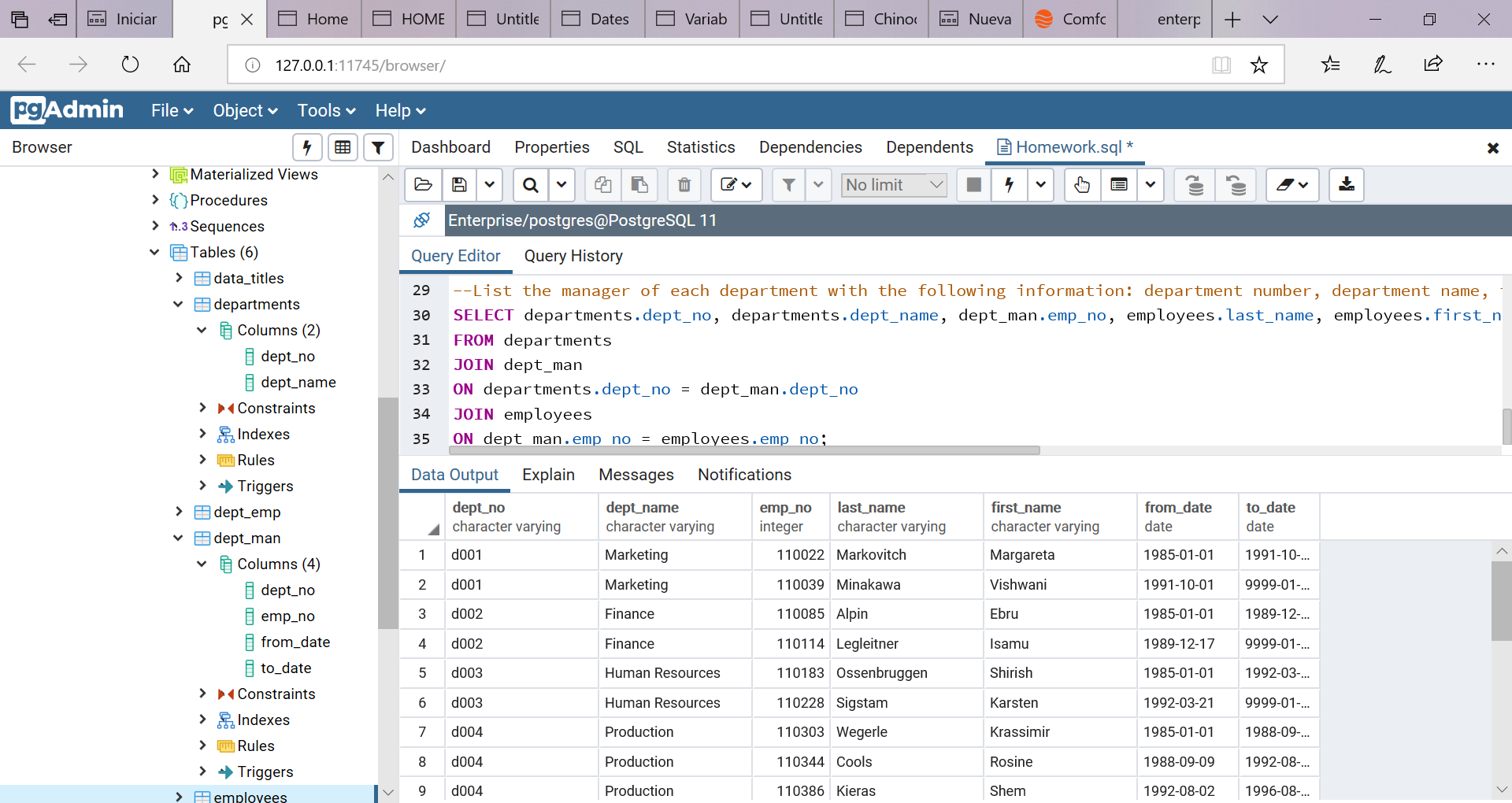
FROM departments

JOIN dept\_man

ON departments.dept\_no = dept\_man.dept\_no

JOIN employees

ON dept\_man.emp\_no = employees.emp\_no;



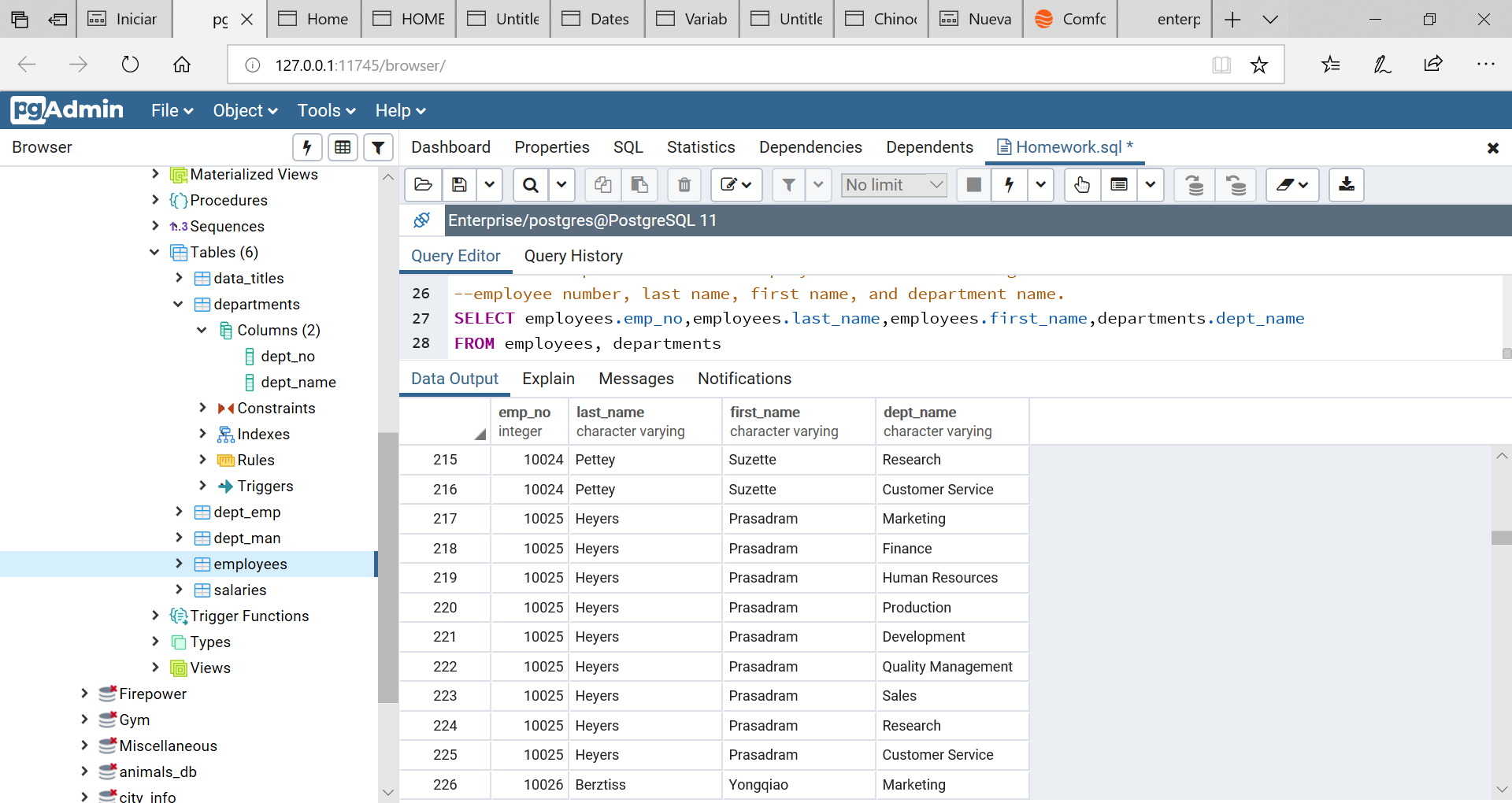
--4.-SELECT dept\_emp.emp\_no, employees.last\_name, employees.first\_name, departments.dept\_name

FROM dept\_emp

JOIN employees

ON dept\_emp.emp\_no = employees.emp\_no

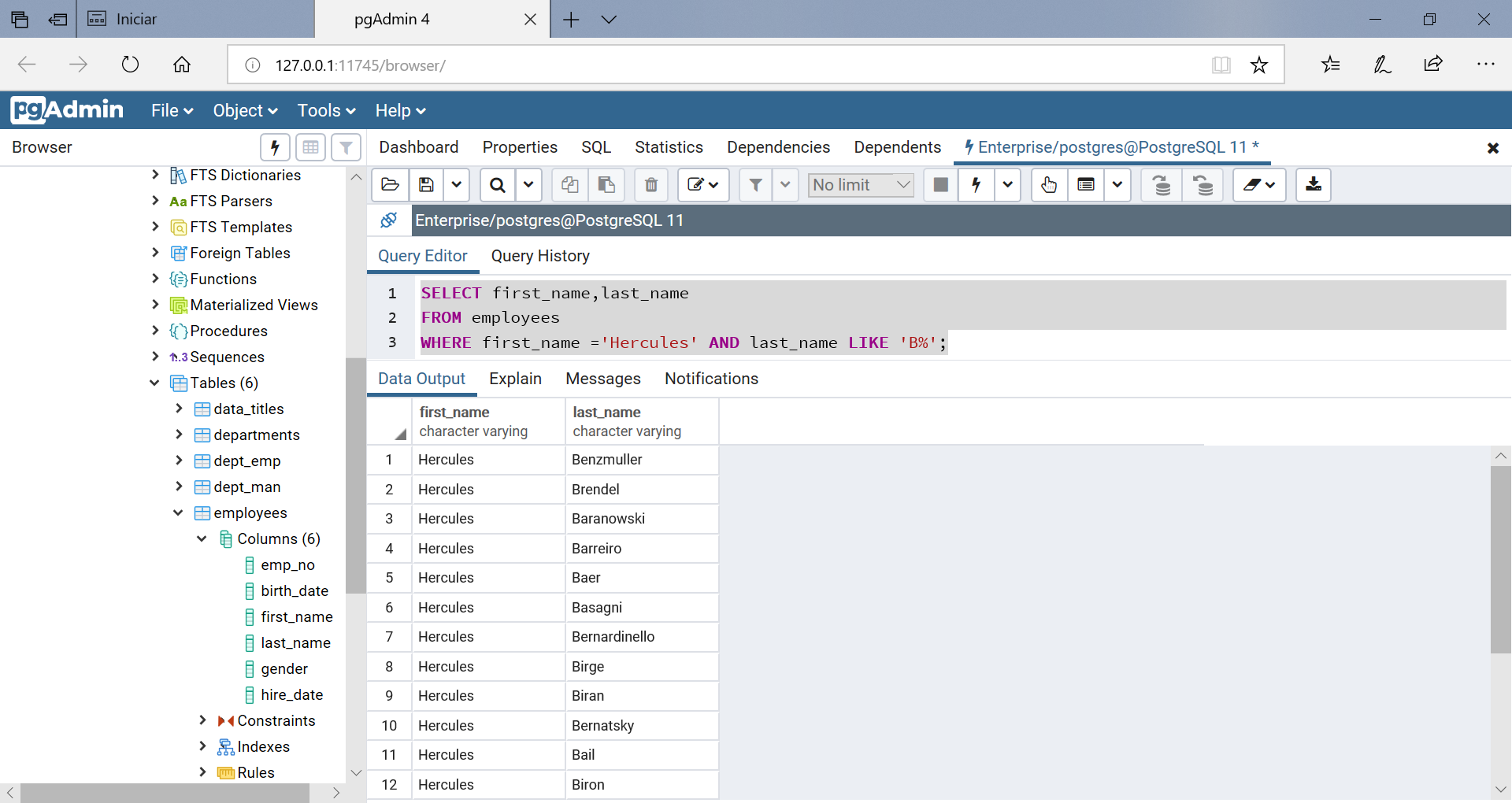
JOIN departments

ON dept\_emp.dept\_no = departments.dept\_no;

5.-SELECT first\_name,last\_name

FROM employees

WHERE first\_name ='Hercules' AND last\_name LIKE 'B%';



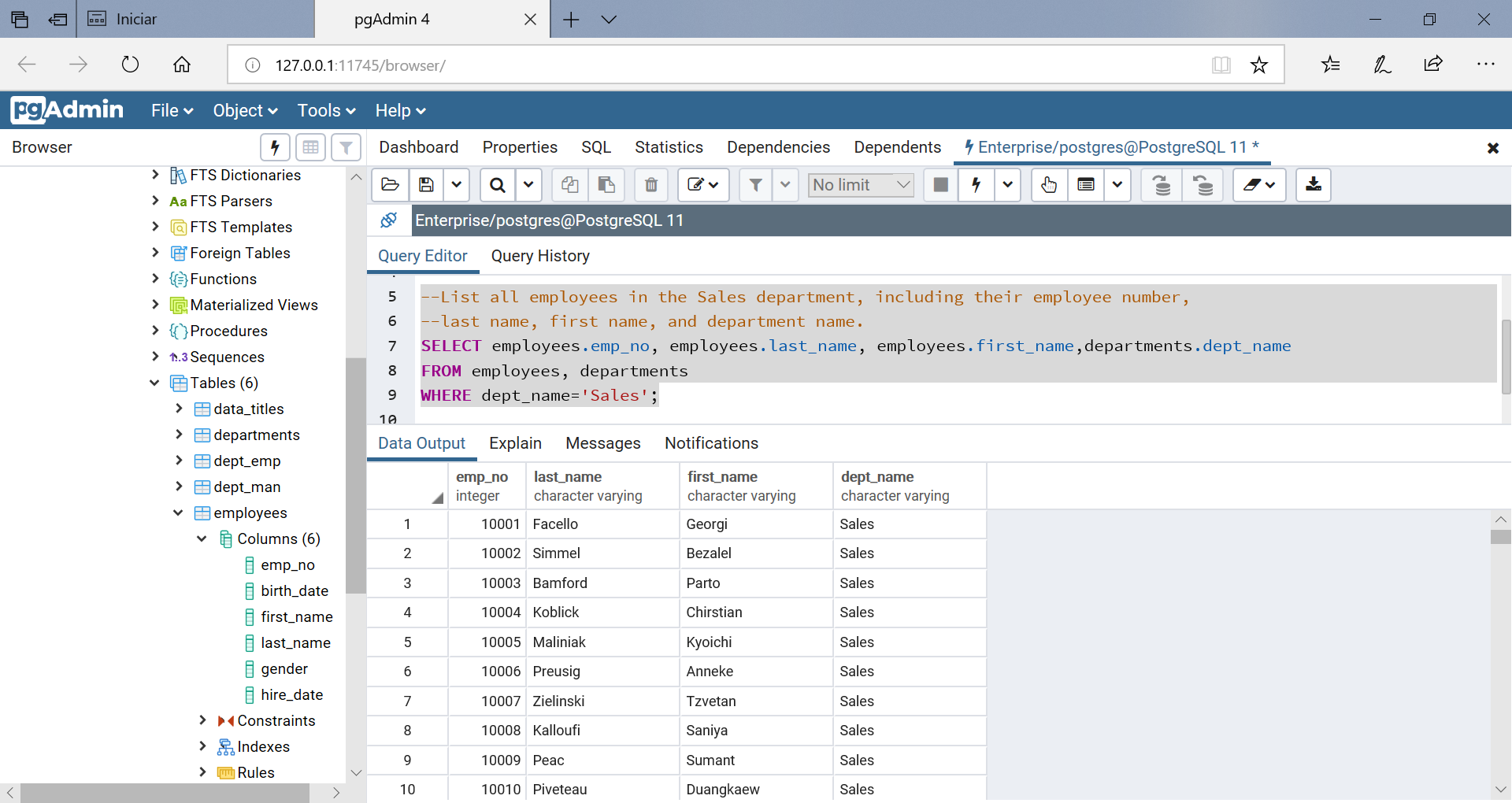
--6.-List all employees in the Sales department, including their employee number,

--last name, first name, and department name.

SELECT employees.emp\_no, employees.last\_name, employees.first\_name,departments.dept\_name

FROM employees, departments

WHERE dept\_name='Sales';



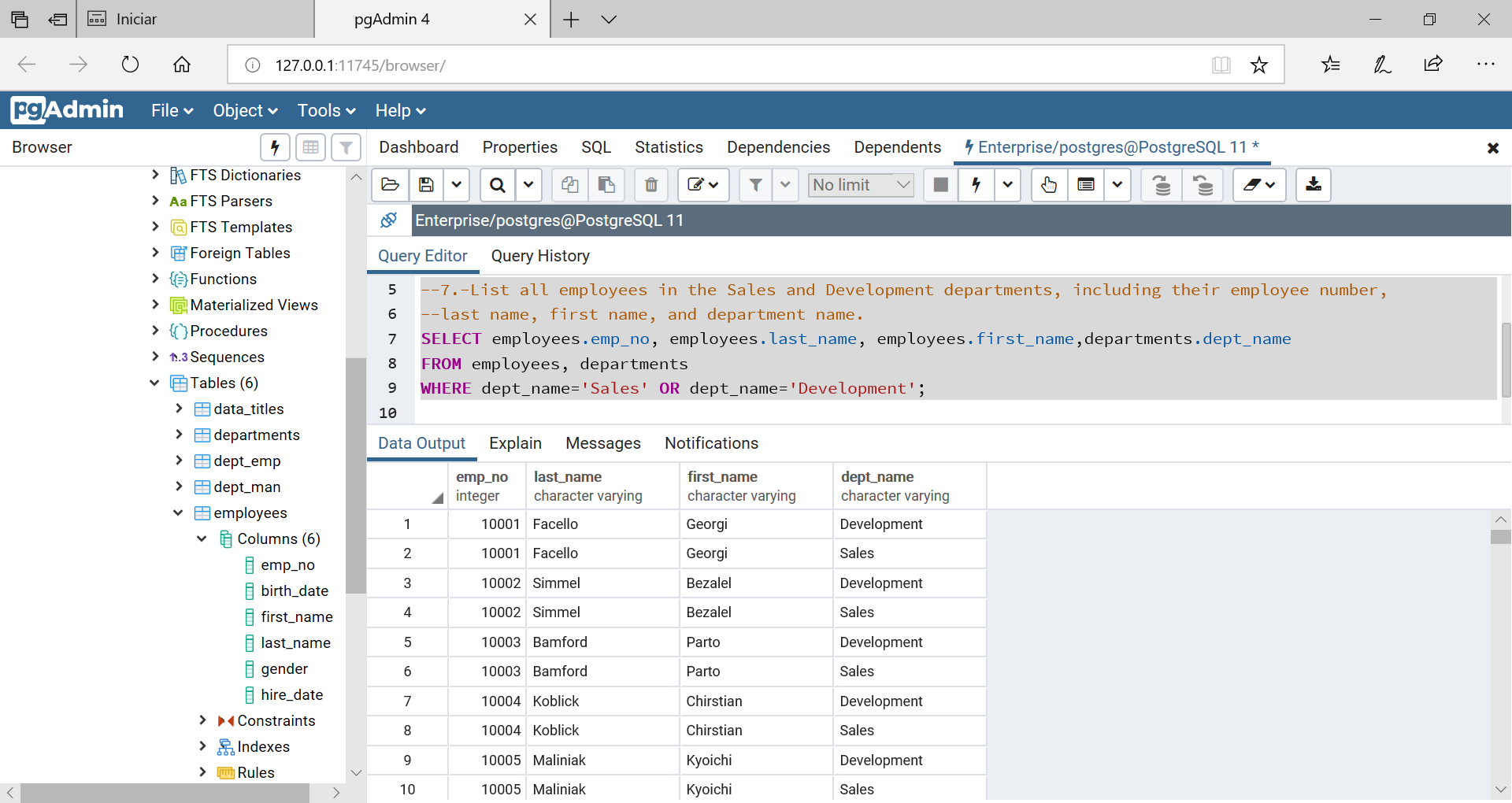
--7.-List all employees in the Sales and Development departments, including their employee number,

--last name, first name, and department name.

SELECT employees.emp\_no, employees.last\_name, employees.first\_name,departments.dept\_name

FROM employees, departments

WHERE dept\_name='Sales' OR dept\_name='Development';



--8.-In descending order, list the frequency count of employee last names,

--i.e., how many employees share each last name.

SELECT COUNT(last\_name),last\_name

FROM employees

GROUP BY last\_name

ORDER BY COUNT(last\_name) DESC;

