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,

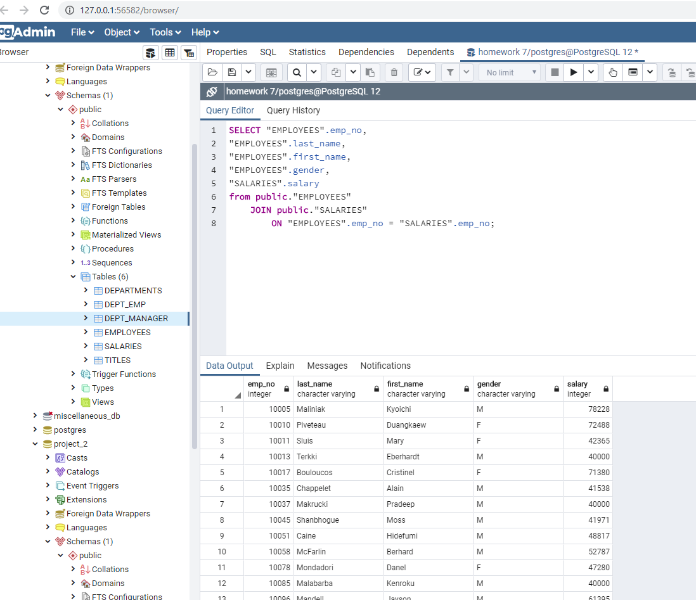
"EMPLOYEES".gender,

"SALARIES".salary

from public."EMPLOYEES"

JOIN public."SALARIES"

ON "EMPLOYEES".emp\_no = "SALARIES".emp\_no;

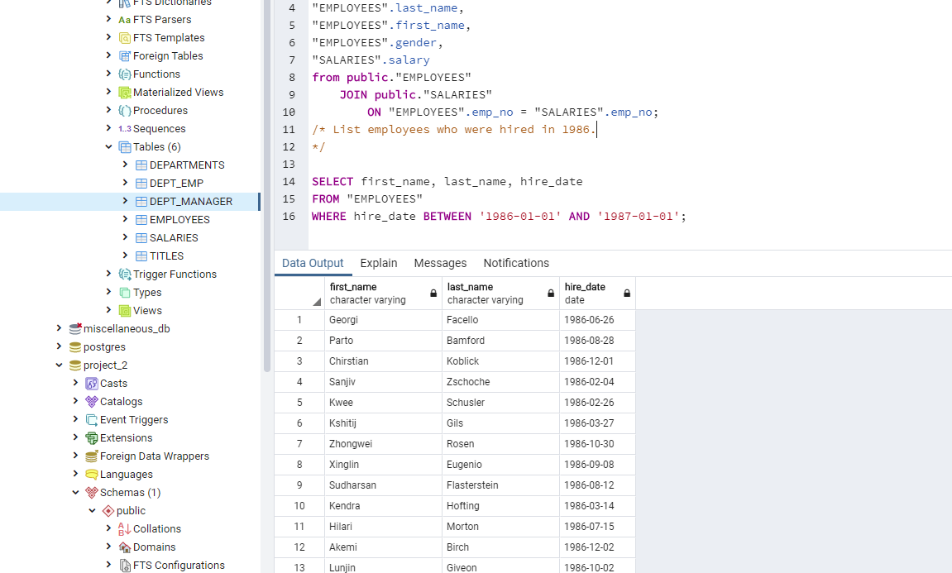


1. List employees who were hired in 1986.

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

FROM "EMPLOYEES"

WHERE hire\_date BETWEEN '1986-01-01' AND '1987-01-01';



1. 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\_MANAGER".emp\_no,

"EMPLOYEES".last\_name,

"EMPLOYEES".first\_name,

"DEPT\_MANAGER".from\_date,

"DEPT\_MANAGER".to\_date

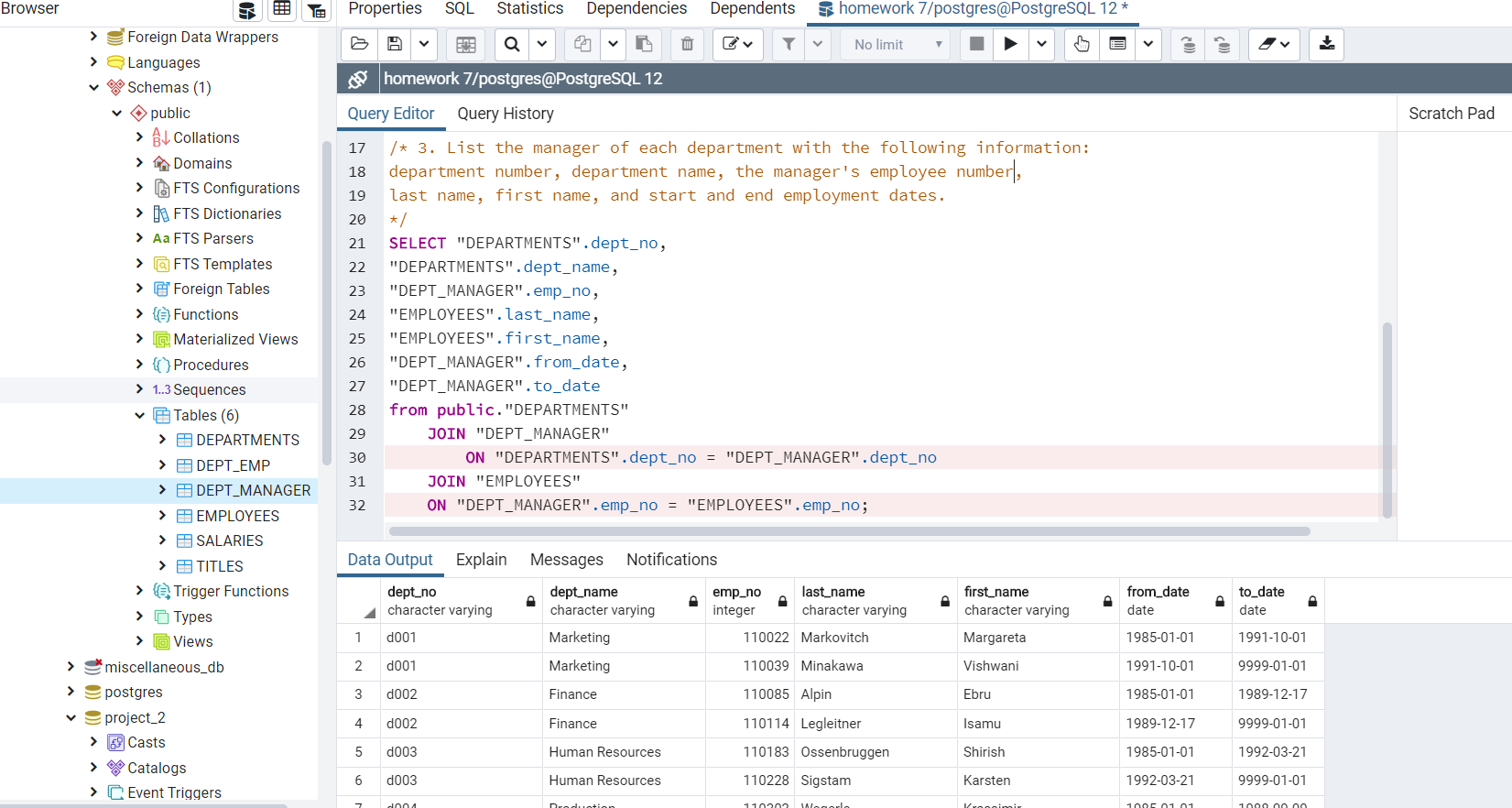
from public."DEPARTMENTS"

JOIN "DEPT\_MANAGER"

ON "DEPARTMENTS".dept\_no = "DEPT\_MANAGER".dept\_no

JOIN "EMPLOYEES"

ON "DEPT\_MANAGER".emp\_no = "EMPLOYEES".emp\_no;



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

SELECT "DEPT\_EMP".emp\_no,

"EMPLOYEES".last\_name,

"EMPLOYEES".first\_name,

"DEPARTMENTS".dept\_name

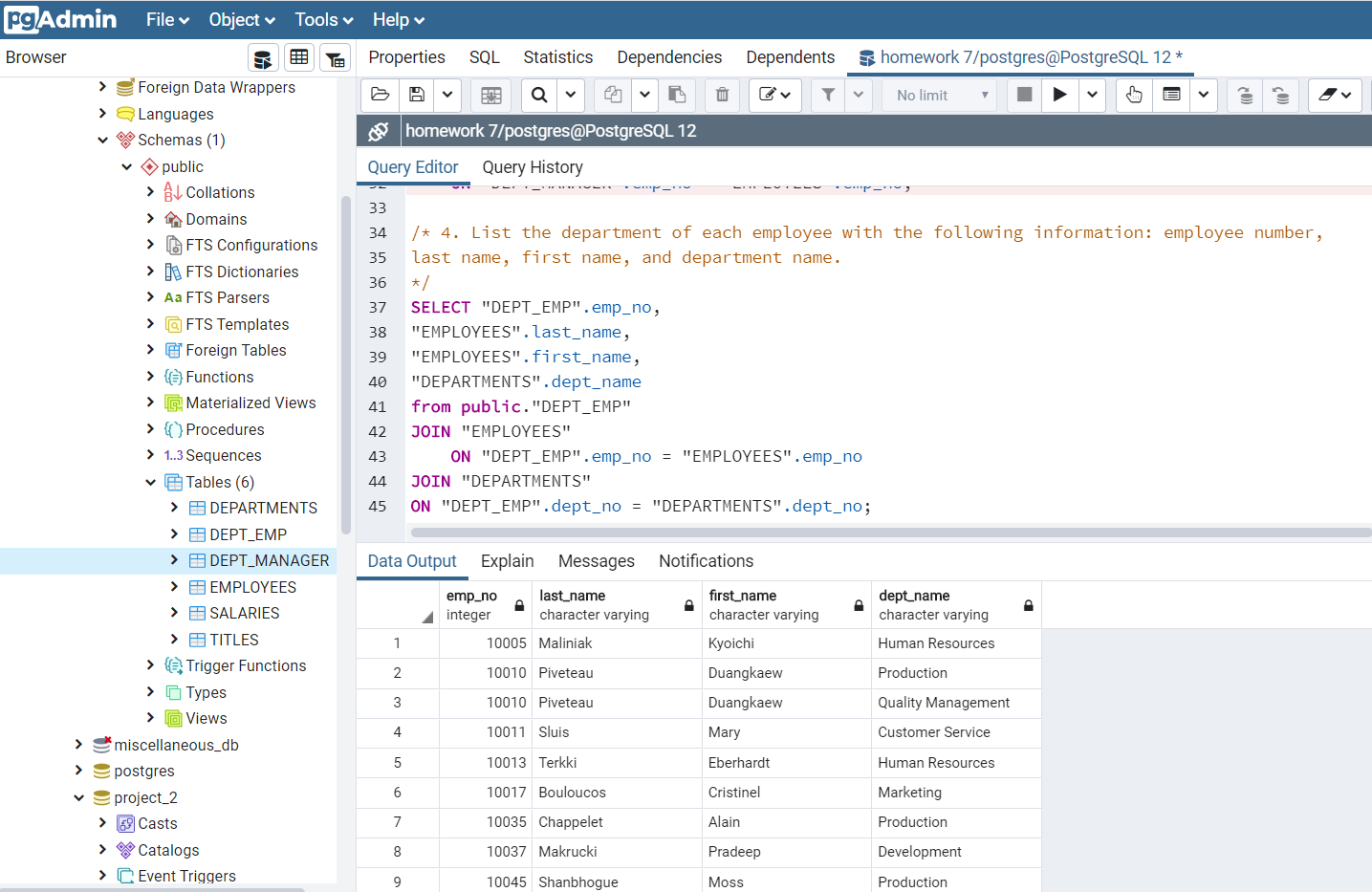
from public."DEPT\_EMP"

JOIN "EMPLOYEES"

ON "DEPT\_EMP".emp\_no = "EMPLOYEES".emp\_no

JOIN "DEPARTMENTS"

ON "DEPT\_EMP".dept\_no = "DEPARTMENTS".dept\_no;



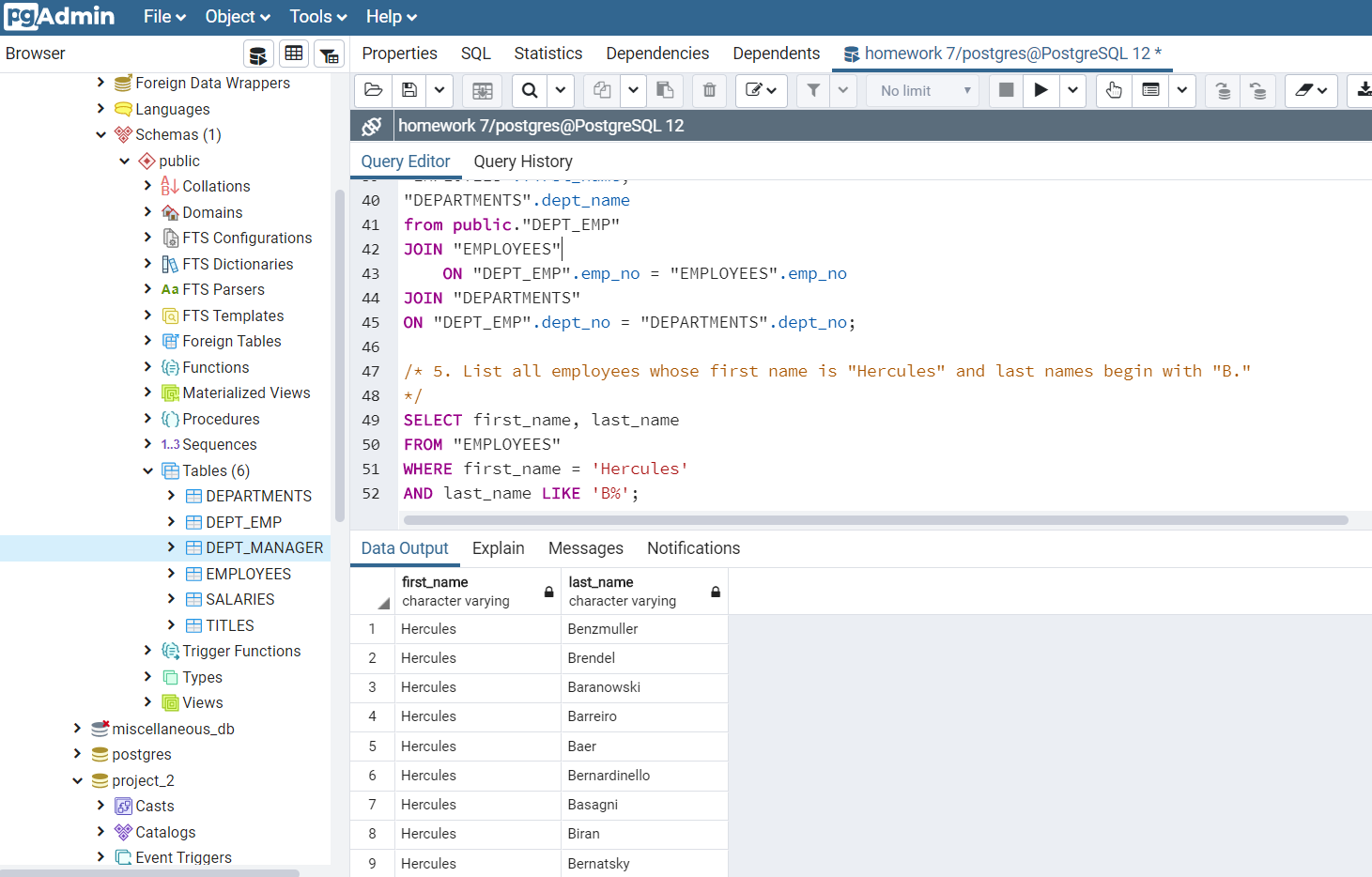
1. List all employees whose first name is "Hercules" and last names begin with "B."

SELECT first\_name, last\_name

FROM "EMPLOYEES"

WHERE first\_name = 'Hercules'

AND last\_name LIKE 'B%';



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

SELECT "DEPT\_EMP".emp\_no,

"EMPLOYEES".last\_name,

"EMPLOYEES".first\_name,

"DEPARTMENTS".dept\_name

from public."DEPT\_EMP"

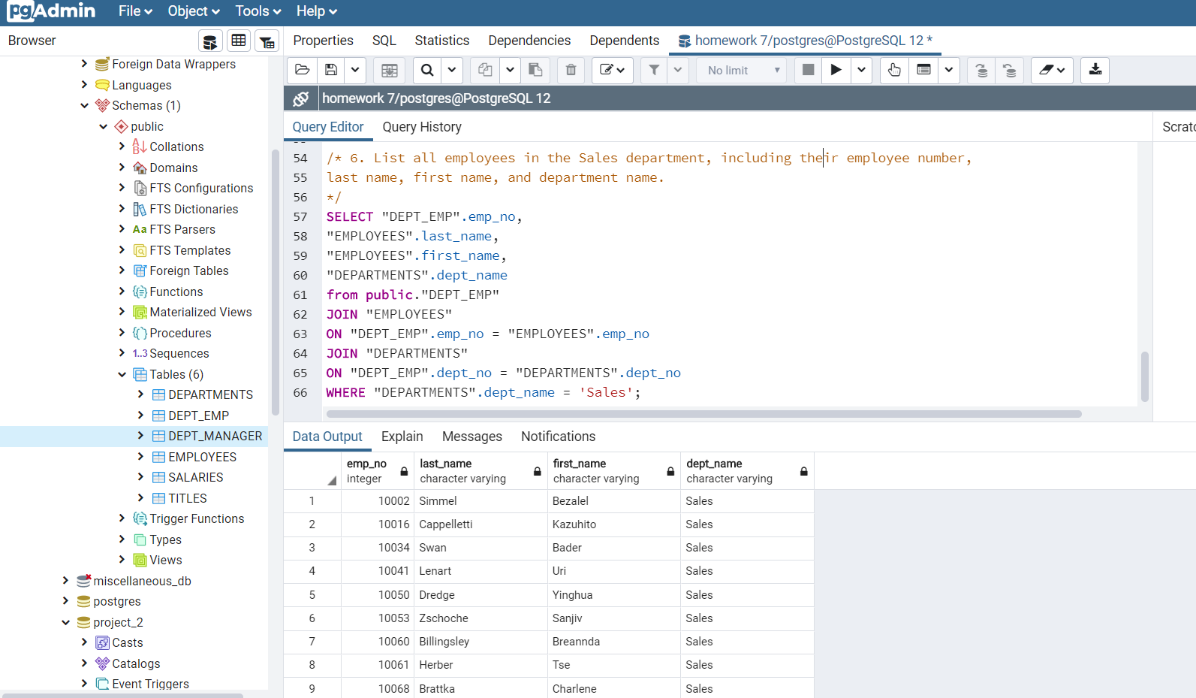
JOIN "EMPLOYEES"

ON "DEPT\_EMP".emp\_no = "EMPLOYEES".emp\_no

JOIN "DEPARTMENTS"

ON "DEPT\_EMP".dept\_no = "DEPARTMENTS".dept\_no

WHERE "DEPARTMENTS".dept\_name = 'Sales';



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

SELECT "DEPT\_EMP".emp\_no,

"EMPLOYEES".last\_name,

"EMPLOYEES".first\_name,

"DEPARTMENTS".dept\_name

from public."DEPT\_EMP"

JOIN "EMPLOYEES"

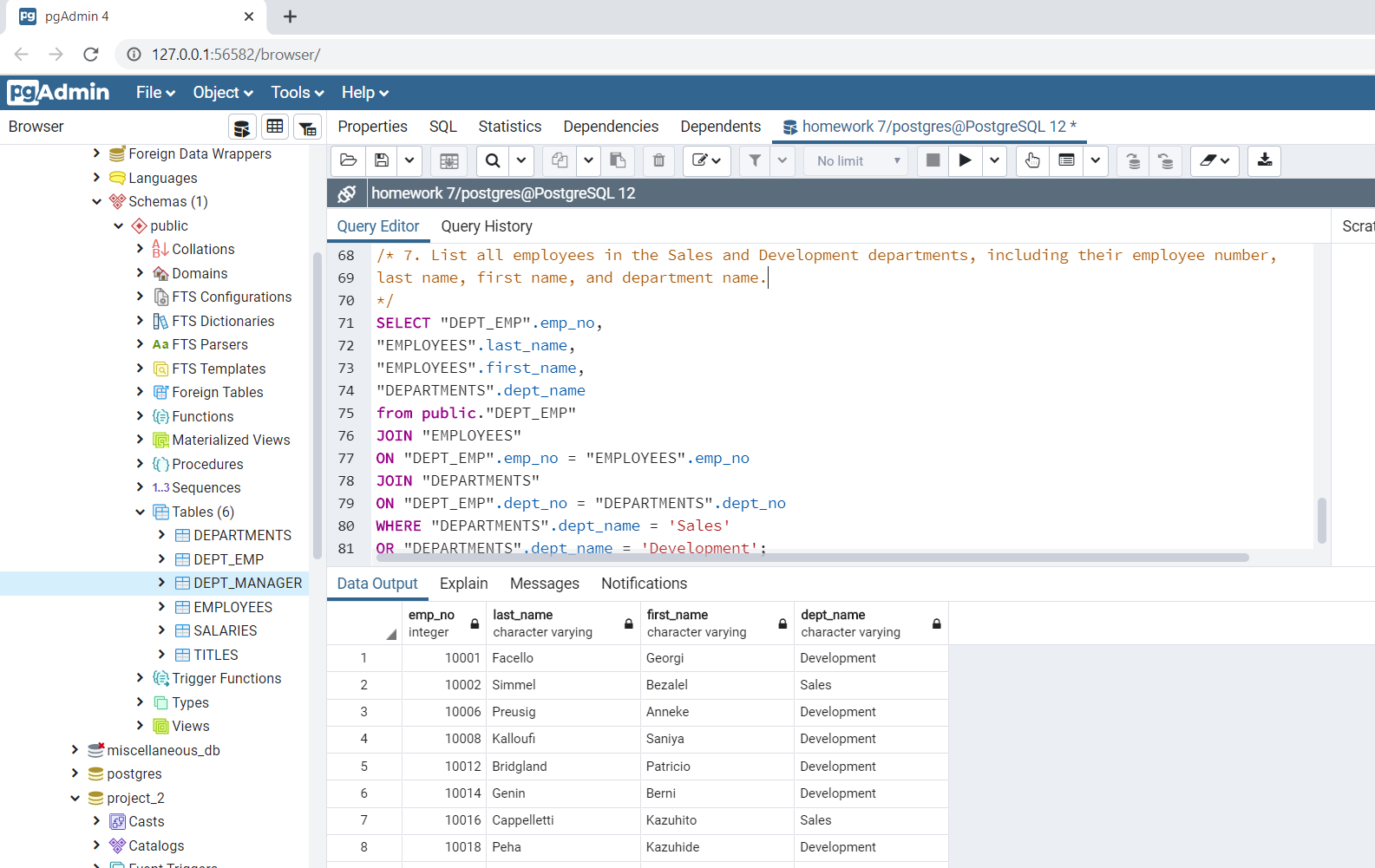
ON "DEPT\_EMP".emp\_no = "EMPLOYEES".emp\_no

JOIN "DEPARTMENTS"

ON "DEPT\_EMP".dept\_no = "DEPARTMENTS".dept\_no

WHERE "DEPARTMENTS".dept\_name = 'Sales'

OR "DEPARTMENTS".dept\_name = 'Development';



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

SELECT last\_name,

COUNT(last\_name) AS "frequency"

from public."EMPLOYEES"

GROUP BY last\_name

ORDER BY

COUNT(last\_name) DESC;

