

Scratch Pad ✕

Ln 15, Col 1

Dashboard
Properties
SQL
Employee\_Data sch...
Employee\_Data/postgres@PostgreSQL 16\*

Employee\_Data/postgres@PostgreSQL 16

No limit

Query
Query History
Scratch Pad

```

2
3 SELECT
4     e.emp_no,
5     e.last_name,
6     e.first_name,
7     e.sex,
8     s.salary
9 FROM
10    employees e
11    join salaries s on e.emp_no = s.emp_no
12 Order by
13     e.last_name ASC,
14     s.salary DESC;
15
16 -- 2) List the first name, last name, and hire date for the employees who were hired
17 SELECT
18     e.first_name,
19     e.last_name,
20     e.hire_date
21 FROM
22     employees e
23 WHERE
24     e.hire_date >= '1986-01-01' AND e.hire_date < '1987-01-01';

```

Data Output
Messages
Notifications

SQL

	first_name character varying (80)	last_name character varying (80)	hire_date date
1	Eran	Cusworth	1986-11-14
2	Bojan	Zallocco	1986-10-14
3	Nevio	Demizu	1986-05-18
4	Ziva	Vecchi	1986-07-03
5	Mohit	Speak	1986-01-14
6	Qunsheng	Speer	1986-02-13
7	Dines	Encarnacion	1986-08-02
8	Harngdar	Swick	1986-05-28
9	Freyja	Uhrig	1986-12-20
10	Zhenhua	Milicic	1986-08-04

Total rows: 1000 of 36150
Query complete 00:00:00.189
Ln 16, C





Dashboard
Properties
SQL
Employee\_Data sch...
Employee\_Data/postgres@PostgreSQL 16\*

Employee\_Data/postgres@PostgreSQL 16
No limit

Query
Query History
Scratch Pad

```

51     departments d
52     join employees e on emp_no = e.emp_no;
53
54     -- 5) List first name, last name, and sex of each employee whose first name is Hercules
55     --     and whose last name begins with the letter B.
56 SELECT
57     e.first_name,
58     e.last_name,
59     e.sex
60 FROM
61     employees e
62 WHERE
63     e.first_name = 'Hercules'
64     and e.last_name like 'B%'
65 ORDER BY
66     e.last_name ASC,
67     e.first_name ASC;
68
69
70
71
72
73

```

Data Output
Messages
Notifications

	first_name character varying (80)	last_name character varying (80)	sex character varying (5)
1	Hercules	Baak	M
2	Hercules	Baer	M
3	Hercules	Bahr	M
4	Hercules	Bail	F
5	Hercules	Bain	F
6	Hercules	Baranowski	M
7	Hercules	Barreiro	M
8	Hercules	Basagni	M
9	Hercules	Benantar	F
10	Hercules	Renzmüller	M

Total rows: 20 of 20
Query complete 00:00:00.267
Ln 56, Col 1



Dashboard
Properties
SQL
Employee\_Data sch...
Employee\_Data/postgres@PostgreSQL 16\*

Employee\_Data/postgres@PostgreSQL 16

No limit

Query
Query History
Scratch Pad

```

77 JOIN departments d ON dept_no = d.dept_no
78 WHERE d.dept_name = 'Sales';
79
80 -- 7) List each employee in the Sales and Development departments, including their
81 -- employee number, last name, first name, and department name.
82 SELECT
83     e.emp_no,
84     e.last_name,
85     e.first_name,
86     d.dept_name
87 FROM
88     employees e
89 JOIN departments d ON dept_no = d.dept_no
90 WHERE d.dept_name IN ('Sales', 'Development');
91
92
93
94
95
96
97
98
99

```

Data Output
Messages
Notifications

SQL

	emp_no integer	last_name character varying (80)	first_name character varying (80)	dept_name character varying (50)
1	473302	Zalocco	Hideyuki	Development
2	473302	Zalocco	Hideyuki	Sales
3	475053	Delgrande	Byong	Development
4	475053	Delgrande	Byong	Sales
5	57444	Babb	Berry	Development
6	57444	Babb	Berry	Sales
7	421786	Verhoeff	Xiong	Development
8	421786	Verhoeff	Xiong	Sales
9	282238	Baumann	Abdelkader	Development
10	282238	Baumann	Abdelkader	Sales

Total rows: 1000 of 600048
Query complete 00:00:00.674
Ln 82, Col 1

Dashboard
Properties
SQL
Employee\_Data sch...
Employee\_Data/postgres@PostgreSQL 16\*

Employee\_Data/postgres@PostgreSQL 16
No limit

Query
Query History
Scratch Pad

```

86     d.dept_name
87 FROM
88     employees e
89 JOIN departments d ON dept_no = d.dept_no
90 WHERE d.dept_name IN ('Sales', 'Development');
91
92 -- 8) List the frequency counts, in descending order, of all the employee last names
93 --      (that is, how many employees share each last name).
94 SELECT
95     e.last_name,
96     COUNT(e.last_name) AS frequency_count
97 FROM
98     employees e
99 GROUP BY
100    e.last_name
101 ORDER BY
102    frequency_count DESC;
103
104
105
106
107
108

```

Data Output
Messages
Notifications

	last_name character varying (80)	frequency_count bigint
1	Baba	226
2	Coorg	223
3	Gelosh	223
4	Farris	222
5	Sudbeck	222
6	Adachi	221
7	Osgood	220
8	Neiman	218
9	Masada	218
10	Mandrell	218

Total rows: 1000 of 1638
Query complete 00:00:00.409
Ln 94, Col 1