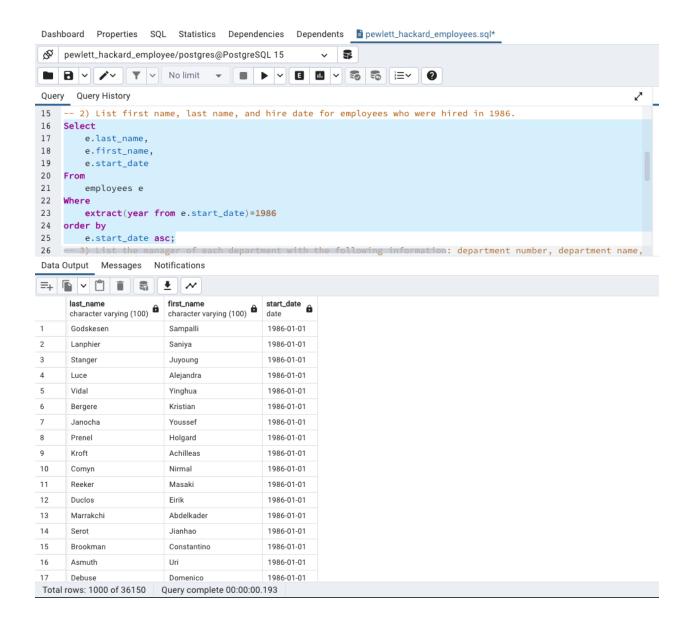
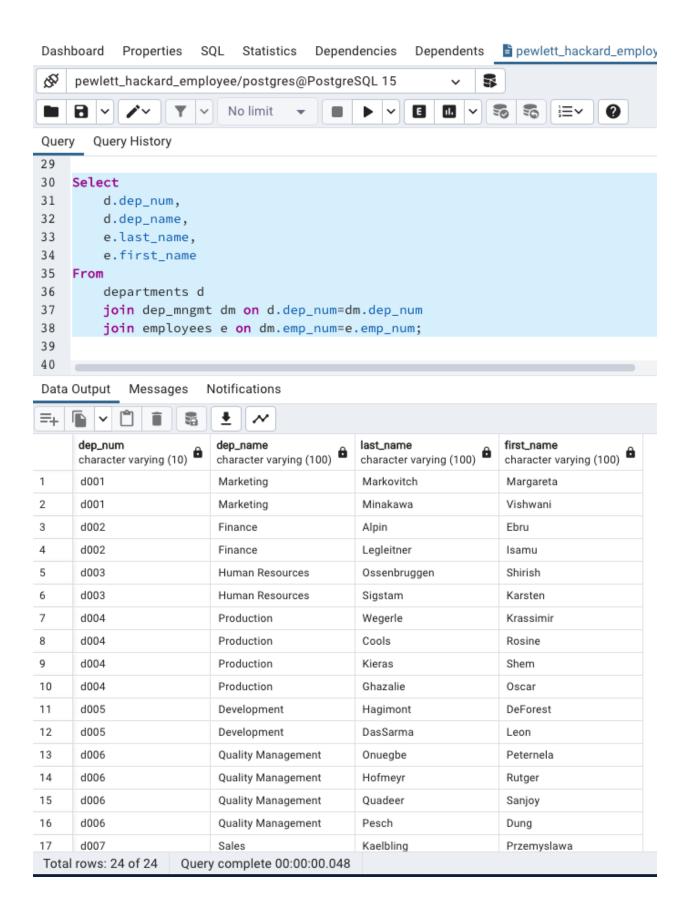
```
1)
```

```
-- 1) List the following details of each employee: employee number, last name, first name, sex, and salary.
 2
       Select
 3
                    e.emp_num as employ_num,
                    e.first_name,
 4
  5
                    e.last_name,
  6
                    e.gender,
  7
                   s.income
       From
  8
  9
                    employees e
10
                   join salary s on e.emp_num= s.emp_num
11 ORDER BY
                    s.income desc;
12
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Data Output Messages Notifications

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               employ_num integer first_name character varying (100)
                                                                                         last_name character varying (100)
                                                                                                                                      gender character varying (10)
                                                                                                                                                                                 income
double precision
                            205000 Charmane
                                                                                          Griswold
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2
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                              44188
                                             Slavian
                                                                                          Peac
                                                                                                                                                                                                     127238
                                             Nahid
                                                                                                                                                                                                     127041
3
                             444756
                                                                                          Varker
                                                                                                                                       М
4
                             458302
                                             Poorav
                                                                                          Esposito
                                                                                                                                       М
                                                                                                                                                                                                     126703
                                                                                                                                       М
                              37558
                                                                                          Thambidurai
                                                                                                                                                                                                     125469
                             296857
                                                                                          Reghbati
                                                                                                                                       М
                                                                                                                                                                                                     124357
                              20004
                                             Radoslaw
                                                                                          Pfau
                                                                                                                                                                                                     123749
                             109334 Tsutomu
                                                                                          Alameldin
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                                                                                                                                                                                                     123668
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                             474456
                                             Martine
                                                                                          Heydon
10
                             474684 Chinhyun
                                                                                          Klyachko
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                                                                                          Condotta
11
                                                                                                                                       F
                                                                                                                                                                                                     122423
                            267005 Filipe
                             238117 Mitsuyuki
                                                                                          Stanfel
                                                                                                                                                                                                     121617
Total rows: 1000 of 300024 Query complete 00:00:00.456
```





Query History Query 42 43 -- 4) List the department of each employee with the following informati 44 Select 45 employees.emp_num, 46 employees.last_name, 47 employees.first_name, 48 departments.dep_name 49 from 50 employees 51 join dep_emp on employees.emp_num=dep_emp.emp_num 52 join departments on dep_emp.dep_num=departments.dep_num; 53

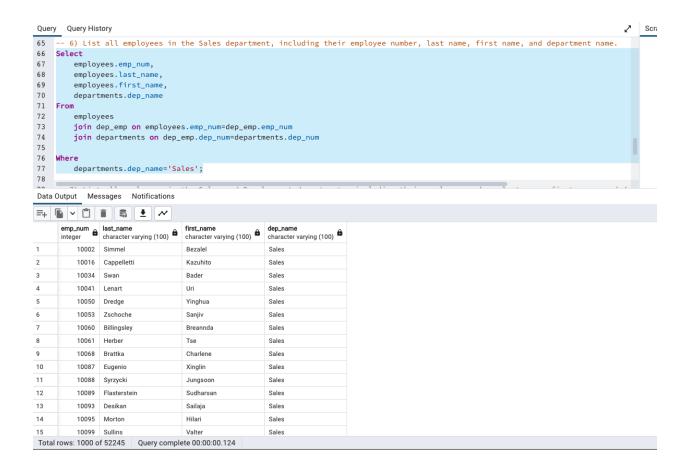
Data Output Messages Notifications

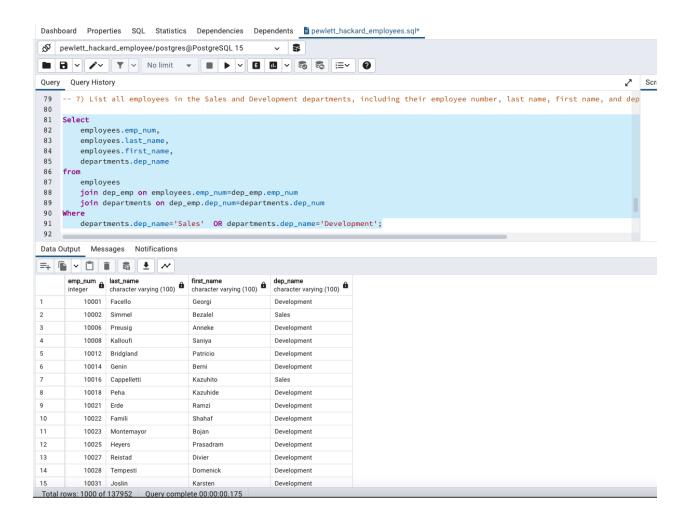
	emp_num a	last_name character varying (100)	first_name character varying (100)	dep_name character varying (100)
1	10001	Facello	Georgi	Development
2	10005	Maliniak	Kyoichi	Human Resources
3	10010	Piveteau	Duangkaew	Production
4	10010	Piveteau	Duangkaew	Quality Management
5	10011	Sluis	Mary	Customer Service
6	10013	Terkki	Eberhardt	Human Resources
7	10017	Bouloucos	Cristinel	Marketing
8	10018	Peha	Kazuhide	Production
9	10018	Peha	Kazuhide	Development
10	10019	Haddadi	Lillian	Research
11	10026	Berztiss	Yongqiao	Production
12	10035	Chappelet	Alain	Production
13	10037	Makrucki	Pradeep	Development
14	10043	Tzvieli	Yishay	Development
15	10045	Shanbhogue	Moss	Production
16	10051	Caine	Hidefumi	Production
17	10055	Dredge	Georgy	Marketing
Total re	ows: 1000 of	331603 Query compl	ete 00:00:00.504	

5) Dashboard Properties SQL Statistics Dependencies Dependents pewlett_hackard_employees.sql* pewlett_hackard_employee/postgres@PostgreSQL 15 **3** ■ 🖥 🗸 🖍 🔻 V No limit 🔻 Query Query History 54 55 -- 5) List first name, last name, and sex for employees whose first name is "Hercules" and last names begin with "B." 56 Select 57 employees.first_name, 58 employees.last_name, 59 employees.gender 60 from 61 employees where first_name='Hercules' AND last_name LIKE 'B%'; 63 Data Output Messages Notifications
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 □</ first_name character varying (100) a last_name character varying (100) gender character varying (10) М Hercules Baer 2 Hercules F Biron Hercules Birge F F Hercules Berstel М Hercules Bernatsky Hercules Bodoff М Hercules Benantar Hercules Baranowski М Hercules Bisiani 10 Hercules Bahr М 11 Hercules Biran 12 Hercules Bain 13 Hercules Barreiro М 14 Hercules Baak М F 15 Hercules Bail 16 Hercules М 17 Hercules Bernardinello F

М

Total rows: 20 of 20 Query complete 00:00:00.095





```
-- 8) List the frequency count of employee last names (i.e., how many employees share each last name) in descending order.
96
97 Select
98
       e.last_name,
99
       count(*)
100 From
101
      employees e
102 group by
103
      e.last_name
104 order by
count(*) desc;
106
Data Output Messages Notifications
=+ 6 ~ 6 6 4
    last_name count bigint a
    Baba
1
                        226
2
    Gelosh
                        223
3
                        223
    Coorg
4
    Sudbeck
                        222
    Farris
                        222
    Adachi
                        221
    Osgood
                        220
                        218
                        218
10
    Mandell
                        218
11
                        217
    Wendorf
12
    Boudaillier
                        217
13
    Mahnke
                        216
                        216
14
    Pettis
                        216
15
    Solares
```