

1. Query no 1

Query Query History

```
1  -- 1. List the employee number, last name, first name, sex, and salary of each employee.
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
12     salaries s
13 ON
14     e.emp_no = s.emp_no
15 ORDER BY
16     e.emp_no;
```

Data Output Messages Notifications

Showing rows: 1 to 1000 Page No: 1 of 301

	emp_no integer	last_name character varying (50)	first_name character varying (50)	sex character varying (5)	salary integer
1	10001	Facello	Georgi	M	60117
2	10002	Simmel	Bezalel	F	65828
3	10003	Bamford	Parto	M	40006
4	10004	Koblick	Chirstian	M	40054
5	10005	Maliniak	Kyoichi	M	78228
6	10006	Preusig	Anneke	F	40000
7	10007	Zielinski	Tzvetan	F	56724
8	10008	Kalloufi	Saniya	M	46671
9	10009	Peac	Sumant	F	60929
10	10010	Piveteau	Duangkaew	F	72488
11	10011	Sluis	Mary	F	42365
12	10012	Bridgland	Patricio	M	40000
13	10013	Terki	Eberhardt	M	40000
14	10014	Genin	Berni	M	46168
15	10015	Nooteboom	Guoxiang	M	40000
16	10016	Cappelletti	Kazuhiro	M	70889
17	10017	Bouloucos	Cristinel	F	71380
18	10018	Peha	Kazuhide	F	55881
19	10019	Haddadi	Lillian	M	44276
20	10020	Warwick	Mayuko	M	40000
21	10021	Erde	Ramzi	M	55025

Total rows: 300024 Query complete 00:00:00.509 LF Ln 11, Col 5

2. Query no 2

Query

Query History

1

-- 2. List the first name, last name, and hire date for the employees who were hired in 1986

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SELECT

first_name,

last_name,

hire_date

FROM

employees e

WHERE

extract(year from hire_date) = 1986

ORDER BY

hire_date ASC, last_name ASC, first_name ASC;

Data Output

Messages

Notifications

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11

11

	first_name character varying (50)	last_name character varying (50)	hire_date date
1	Uri	Asmuth	1986-01-01
2	Shahid	Baaz	1986-01-01
3	Pranas	Baek	1986-01-01
4	Mohammed	Bahk	1986-01-01
5	Kristian	Bergere	1986-01-01
6	Ziyad	Bhattacharjee	1986-01-01
7	Jiang	Bierbaum	1986-01-01
8	Arlette	Boguraev	1986-01-01
9	Jiann	Bondorf	1986-01-01
10	Filipe	Bottner	1986-01-01
11	Constantino	Brookman	1986-01-01
12	Zhangju	Buescher	1986-01-01
13	Nirmal	Comyn	1986-01-01
14	Unal	Cooley	1986-01-01
15	Giri	Cooman	1986-01-01
16	Eishiro	Curless	1986-01-01
17	Domenico	Debuse	1986-01-01
18	Domenick	Dehkordi	1986-01-01
19	Tianruo	Demri	1986-01-01
20	Eirik	Duclos	1986-01-01
21	Yongqiao	Dulay	1986-01-01

Total rows: 36150

Query complete 00:00:00.195

LF

Ln 12, Col 47

3. Query no 3

Query Query History

```
1  -- 3. List the manager of each department along with their department number, department name, employee number, last name, and first name.
2
3  SELECT
4      d.dept_no,
5      d.dept_name,
6      e.emp_no,
7      e.first_name,
8      e.last_name
9  FROM
10     departments d
11 JOIN
12     dept_manager dm ON d.dept_no = dm.dept_no
13 JOIN
14     employees e ON dm.emp_no = e.emp_no
15 ORDER BY
16     d.dept_no;
```

Data Output Messages Notifications

Showing rows: 1 to 24 Page No: 1 of 1

	dept_no character varying (10)	dept_name character varying (50)	emp_no integer	first_name character varying (50)	last_name character varying (50)
1	d001	Marketing	110022	Margareta	Markovitch
2	d001	Marketing	110039	Vishwani	Minakawa
3	d002	Finance	110085	Ebru	Alpin
4	d002	Finance	110114	Isamu	Legleitner
5	d003	Human Resources	110183	Shirish	Ossenbruggen
6	d003	Human Resources	110228	Karsten	Sigstam
7	d004	Production	110303	Krassimir	Wegerle
8	d004	Production	110344	Rosine	Cools
9	d004	Production	110386	Shem	Kieras
10	d004	Production	110420	Oscar	Ghazalie
11	d005	Development	110511	DeForest	Hagimont
12	d005	Development	110567	Leon	DasSarma
13	d006	Quality Management	110725	Peternela	Onuegbe
14	d006	Quality Management	110765	Rutger	Hofmeyr
15	d006	Quality Management	110800	Sanjoy	Quadeer
16	d006	Quality Management	110854	Dung	Pesch
17	d007	Sales	111035	Przemyslaw	Kaelbling
18	d007	Sales	111133	Hauke	Zhang
19	d008	Research	111400	Arie	Staelin
20	d008	Research	111534	Hilary	Kambil
21	d009	Customer Service	111692	Tonny	Butterworth

Total rows: 24 Query complete 00:00:00.096 LF Ln 16, Col 12

4. Query no 4

Query Query History

```
1  -- 4. List the department number for each employee along with that employee's employee number, last name, first name, and department name.
2
3  v SELECT
4      de.dept_no,
5      e.emp_no,
6      e.first_name,
7      e.last_name,
8      d.dept_name
9  FROM
10     dept_emp de
11 JOIN
12     employees e ON de.emp_no = e.emp_no
13 JOIN
14     departments d ON de.dept_no = d.dept_no
15 ORDER BY
16     de.dept_no, e.emp_no;
```

Data Output Messages Notifications

Showing rows: 1 to 1000 Page No: 1 of 332

	dept_no character varying (10)	emp_no integer	first_name character varying (50)	last_name character varying (50)	dept_name character varying (50)
1	d001	10017	Cristinel	Bouloucos	Marketing
2	d001	10055	Georgy	Dredge	Marketing
3	d001	10058	Berhard	McFarlin	Marketing
4	d001	10108	Lunjin	Giveon	Marketing
5	d001	10140	Yucel	Auria	Marketing
6	d001	10175	Aleksandar	Ananiadou	Marketing
7	d001	10208	Xiping	Klerer	Marketing
8	d001	10228	Karoline	Cesareni	Marketing
9	d001	10239	Nikolaos	Llado	Marketing
10	d001	10259	Susanna	Vesel	Marketing
11	d001	10340	Djelloul	Laventhal	Marketing
12	d001	10353	Phule	Hammerschmidt	Marketing
13	d001	10367	Hyuckchul	Gini	Marketing
14	d001	10384	Feiyu	Luft	Marketing
15	d001	10418	Candida	Porotnikoff	Marketing
16	d001	10449	Aleksandar	Sudkamp	Marketing
17	d001	10491	Garnik	Narahari	Marketing
18	d001	10499	Maik	Luft	Marketing
19	d001	10548	Ramalingam	Gunderson	Marketing
20	d001	10567	Dietrich	Journel	Marketing
21	d001	10591	Hidde	Hettesheimer	Marketing

Total rows: 331603 Query complete 00:00:00.618 LF Ln 16, Col 23

5. Query no 5

Query

Query History

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-- 5. List first name, last name, and sex of each employee whose first name is Hercules and whose last name begins with the letter B.

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SELECT

e.first_name,

e.last_name,

e.sex

FROM

employees e

WHERE

first_name = 'Hercules'

AND last_name LIKE 'B%'

ORDER BY

last_name, first_name;

Data Output

Messages

Notifications

Showing rows: 1 to 20

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of 1

	first_name character varying (50)	last_name character varying (50)	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	Benzmuller	M
11	Hercules	Bernardinello	F
12	Hercules	Bernatsky	M
13	Hercules	Berstel	F
14	Hercules	Biran	F
15	Hercules	Birge	F
16	Hercules	Biron	F
17	Hercules	Bisiani	F
18	Hercules	Bodoff	M
19	Hercules	Brendel	F
20	Hercules	Buchter	M

Total rows: 20

Query complete 00:00:00.116

LF Ln 13, Col 24

6. Query no 6

Query Query History

```
1  -- 6. List each employee in the Sales department, including their employee number, last name, and first name.
2
3  ✓ SELECT
4      e.emp_no,
5      e.last_name,
6      e.first_name
7  FROM
8      departments d
9  JOIN
10     dept_emp de ON d.dept_no = de.dept_no
11 JOIN
12     employees e ON de.emp_no = e.emp_no
13 WHERE
14     d.dept_name = 'Sales'
15 ORDER BY
16     e.emp_no;
```

Data Output Messages Notifications

Showing rows: 1 to 1000 Page No: 1 of 53

	emp_no [PK] integer	last_name character varying (50)	first_name character varying (50)
1	10002	Simmel	Bezalel
2	10016	Cappelletti	Kazuhito
3	10034	Swan	Bader
4	10041	Lenart	Uri
5	10050	Dredge	Yinghua
6	10053	Zschoche	Sanjiv
7	10060	Billingsley	Breannnda
8	10061	Herber	Tse
9	10068	Brattka	Charlene
10	10087	Eugenio	Xinglin
11	10088	Syrzycki	Jungsoon
12	10089	Flasterstein	Sudharsan
13	10093	Desikan	Sailaja
14	10095	Morton	Hilari
15	10099	Sullins	Valter
16	10101	Heyers	Perla
17	10107	Baca	Dung
18	10125	Hiltgen	Syozo
19	10136	Pintelas	Zissis
20	10148	Azumii	Douadi
21	10149	Perry	Xiadong

Total rows: 52245 Query complete 00:00:00.226 LF Ln 10, Col 17

7. Query no 7

Query Query History

```
1  -- 7. List each employee in the Sales and Development departments, including their employee number, last name, first name, and department name.
2
3  SELECT
4      e.emp_no,
5      e.last_name,
6      e.first_name,
7      d.dept_name
8  FROM
9      departments d
10 JOIN
11     dept_emp de ON d.dept_no = de.dept_no
12 JOIN
13     employees e ON de.emp_no = e.emp_no
14 WHERE
15     d.dept_name IN ('Sales', 'Development')
16 ORDER BY
17     e.emp_no;
```

Data Output Messages Notifications

Showing rows: 1 to 1000 Page No: 1 of 53

	emp_no [PK] integer	last_name character varying (50)	first_name character varying (50)
1	10002	Simmel	Bezael
2	10016	Cappelletti	Kazuhito
3	10034	Swan	Bader
4	10041	Lenart	Uri
5	10050	Dredge	Yinghua
6	10053	Zschoche	Sanjiv
7	10060	Billingsley	Breannnda
8	10061	Herber	Tse
9	10068	Brattka	Charlene
10	10087	Eugenio	Xinglin
11	10088	Syrzycki	Jungsoo
12	10089	Flasterstein	Sudharsan
13	10093	Desikan	Sailaja
14	10095	Morton	Hilari
15	10099	Sullins	Valter
16	10101	Hayers	Perla
17	10107	Baca	Dung
18	10125	Hiltgen	Syozo
19	10136	Pintelas	Zissis
20	10148	Azumi	Douadi
21	10149	Barry	Yasmeen

Total rows: 52245 Query complete 00:00:00.226 LF Ln 11, Col 17

8. Query no 8

Query

Query History

1

-- 8. List the frequency counts, in descending order, of all the employee last names (that is, how many employees share each last name).

2

3

SELECT

4

last_name,

5

COUNT(*) AS frequency_count

6

FROM

7

employees e

8

GROUP BY

9

e.last_name

10

ORDER BY

11

frequency_count DESC;

Data Output

Messages

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Showing rows: 1 to 1000

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SQL

	last_name character varying (50)	frequency_count bigint
1	Baba	226
2	Gelosh	223
3	Coorg	223
4	Farris	222
5	Sudbeck	222
6	Adachi	221
7	Osgood	220
8	Masada	218
9	Neiman	218
10	Mandell	218
11	Boudaillier	217
12	Wendorf	217
13	Mahnke	216
14	Pettis	216
15	Solares	216
16	Cummings	216
17	Kulisch	215
18	Birjandi	215
19	Maksimenko	215
20	Collette	215
21	Emmart	215
22	Rosaz	214
23	Scallan	214
24	Pokrovskii	214
25	Boguraev	214

✓ Successfully run. Total query runtime: 112 msec. 1638 rows affected. ✕

Total rows: 1638

Query complete 00:00:00.112

LF Ln 11, Col 23