

-- Salaries

Select

e.emp_no, e.last_name, e.first_name, e.sex,

s.salary

From

employees as e

Left Join

salaries as s on e.emp_no = s.emp_no;

	emp_no integer	last_name character varying (50)	first_name character varying (50)	sex character varying (2)	salary integer
1	10005	Maliniak	Kyoichi	M	78228
2	10010	Piveteau	Duangkaew	F	72488
3	10011	Sluis	Mary	F	42365
4	10013	Terkki	Eberhardt	M	40000
5	10017	Bouloucos	Cristinel	F	71380
6	10035	Chappelet	Alain	M	41538
7	10037	Makrucki	Pradeep	M	40000
8	10045	Shanhogue	Moss	M	41971
9	10051	Caine	Hidefumi	M	48817
10	10058	McFarlin	Berhard	M	52787
11	10078	Mondadori	Danel	F	47280
12	10085	Malabarba	Kenroku	M	40000
13	10096	Mandell	Jayson	M	61395
14	10117	Blokdijk	Kiyotoshi	F	52284
15	10156	Fargier	Sumali	M	49879
16	10167	Rassart	Duangkaew	M	56990
17	10177	Iisaka	Pragnesh	M	48041
18	10179	Duclos	Deniz	F	40000
19	10219	Kolvik	Genta	M	40000
20	10223	Schmiedel	Carrsten	F	62922
21	10228	Cesareni	Karoline	F	79474
22	10244	Flasterstein	Foong	M	56292
23	10248	Tempesti	Frederique	F	58918
24	10250	Etalle	Serap	M	50330

-- Employee start year 1986

Select

first_name, last_name, hire_date

From

employees

Where

hire_date between '1986-01-01' and '1986-12-31';

	first_name character varying (50)	last_name character varying (50)	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
11	Bowen	Schmezzo	1986-05-30
12	Reuven	Munke	1986-04-13
13	Stabiasias	Domenig	1986-08-04
14	Juichirou	Jumpertz	1986-09-18
15	Juichirou	Ghelli	1986-12-13
16	Shmuel	Georg	1986-11-30
17	Xiadong	Bach	1986-04-29
18	Guangming	Butterworth	1986-10-01
19	Irene	Setia	1986-08-10
20	Shuichi	Swiler	1986-06-08
21	Terresa	Perez	1986-09-12
22	Lidong	Borovoy	1986-05-30
23	Teiji	Eickenmeyer	1986-09-03
24	Baocai	Kroha	1986-10-27

-- Employee name Hercules B...

Select

first_name, last_name

From

employees

Where

first_name = 'Hercules'

and

last_name like 'B%';

	first_name character varying (50)	last_name character varying (50)
1	Hercules	Baer
2	Hercules	Biron
3	Hercules	Birge
4	Hercules	Berstel
5	Hercules	Bernatsky
6	Hercules	Bail
7	Hercules	Bodoff
8	Hercules	Benantar
9	Hercules	Basagni
10	Hercules	Bernardinello
11	Hercules	Baranowski
12	Hercules	Bisiani
13	Hercules	Benzmuller
14	Hercules	Bahr
15	Hercules	Bain
16	Hercules	Biran
17	Hercules	Brendel
18	Hercules	Buchter
19	Hercules	Barreiro
20	Hercules	Baak

-- Last Name Frequency

Select

last_name, Count(last_name)

From

employees

Group By

last_name

Order By

Count(last_name) desc;

	last_name character varying (50)	count bigint
1	Baba	226
2	Coorg	223
3	Gelosh	223
4	Farris	222
5	Sudbeck	222
6	Adachi	221
7	Osgood	220
8	Mandell	218
9	Neiman	218
10	Masada	218
11	Wendorf	217
12	Boudaillier	217
13	Cummings	216
14	Mahnke	216
15	Pettis	216
16	Solares	216

-- Managers from each department

Select

dm.dept_no, d.dept_name, dm.emp_no, e.last_name, e.first_name

From

dept_manager as dm

Inner Join

departments as d on dm.dept_no = d.dept_no

Inner Join

employees as e on dm.emp_no = e.emp_no;

	dept_no character varying (5)	dept_name character varying (50)	emp_no integer	last_name character varying (50)	first_name character varying (50)
1	d001	Marketing	110022	Markovitch	Margareta
2	d001	Marketing	110039	Minakawa	Vishwani
3	d002	Finance	110085	Alpin	Ebru
4	d002	Finance	110114	Legleitner	Isamu
5	d003	Human Resources	110183	Ossenbruggen	Shirish
6	d003	Human Resources	110228	Sigstam	Karsten
7	d004	Production	110303	Wegerle	Krassimir
8	d004	Production	110344	Cools	Rosine
9	d004	Production	110386	Kieras	Shem
10	d004	Production	110420	Ghazalie	Oscar
11	d005	Development	110511	Hagimont	DeForest
12	d005	Development	110567	DasSarma	Leon
13	d006	Quality Management	110725	Onuegbe	Peternela
14	d006	Quality Management	110765	Hofmeyr	Rutger
15	d006	Quality Management	110800	Quadeer	Sanjoy
16	d006	Quality Management	110854	Pesch	Dunn

-- Department of each employee

Select

e.emp_no, e.last_name, e.first_name, d.dept_name

From

employees as e

Inner Join

dept_manager as dm on e.emp_no = dm.emp_no

Inner Join

departments as d on dm.dept_no = d.dept_no;

	emp_no integer	last_name character varying (50)	first_name character varying (50)	dept_name character varying (50)
1	110022	Markovitch	Margareta	Marketing
2	110039	Minakawa	Vishwani	Marketing
3	110085	Alpin	Ebru	Finance
4	110114	Legleitner	Isamu	Finance
5	110183	Ossenbruggen	Shirish	Human Resources
6	110228	Sigstam	Karsten	Human Resources
7	110303	Wegerle	Krassimir	Production
8	110344	Cools	Rosine	Production
9	110386	Kieras	Shem	Production
10	110420	Ghazalie	Oscar	Production
11	110511	Hagimont	DeForest	Development
12	110567	DasSarma	Leon	Development
13	110725	Onuegbe	Peternela	Quality Management
14	110765	Hofmeyr	Rutger	Quality Management

-- Department of each employee

Select

e.emp_no, e.last_name, e.first_name, d.dept_name

From

employees as e

Inner Join

dept_manager as dm on e.emp_no = dm.emp_no

Inner Join

departments as d on dm.dept_no = d.dept_no;

	emp_no integer	last_name character varying (50)	first_name character varying (50)	dept_name character varying (50)
1	10002	Simmel	Bezalel	Sales
2	10016	Cappelletti	Kazuhito	Sales
3	10034	Swan	Bader	Sales
4	10041	Lenart	Uri	Sales
5	10050	Dredge	Yinghua	Sales
6	10053	Zschoche	Sanjiv	Sales
7	10060	Billingsley	Breannda	Sales
8	10061	Herber	Tse	Sales
9	10068	Brattka	Charlene	Sales
10	10087	Eugenio	Xinglin	Sales
11	10088	Syrzycki	Jungsoon	Sales
12	10089	Flasterstein	Sudharsan	Sales
13	10093	Desikan	Sailaja	Sales
14	10095	Morton	Hilari	Sales
15	10099	Sullins	Valter	Sales
16	10101	Heyers	Perla	Sales
17	10107	Baca	Dung	Sales

-- Employees in Sales and Development

Select

e.emp_no, e.last_name, e.first_name, d.dept_name

From

employees as e

Inner Join





dept_emp as de on e.emp_no = de.emp_no

Inner Join

departments as d on de.dept_no = d.dept_no

Where

d.dept_name in ('Sales', 'Development');

	 emp_no integer	 last_name character varying (50)	 first_name character varying (50)	 dept_name character varying (50)
1	10001	Facello	Georgi	Development
2	10002	Simmel	Bezalel	Sales
3	10006	Preusig	Anneke	Development
4	10008	Kalloufi	Saniya	Development
5	10012	Bridgland	Patricio	Development
6	10014	Genin	Berni	Development
7	10016	Cappelletti	Kazuhito	Sales
8	10018	Peha	Kazuhide	Development
9	10021	Erde	Ramzi	Development
10	10022	Famili	Shahaf	Development
11	10023	Montemayor	Bojan	Development
12	10025	Heyers	Prasadram	Development
13	10027	Reistad	Divier	Development
14	10028	Tempesti	Domenick	Development
15	10031	Joslin	Karsten	Development
16	10034	Swan	Bader	Sales
17	10037	Makrucki	Pradeep	Development
18	10040	Meriste	Weiyi	Development