

```

SELECT e.emp_no, e.last_name, e.first_name, e.sex, s.salary
FROM "Employees" e JOIN "Salaries" s ON e.emp_no = s.emp_no
ORDER BY e.last_name asc, s.salary desc;

```

	emp_no integer	last_name character varying (250)	first_name character varying (250)	sex character varying (20)	salary double precision
1	292102	Aamodt	Hidefumi	M	101114
2	67277	Aamodt	Teiji	F	100414
3	492546	Aamodt	Elzbieta	F	93965
4	422538	Aamodt	Matk	M	93473
5	105020	Aamodt	Mostafa	F	92903
6	42199	Aamodt	Mats	F	90455
7	294575	Aamodt	Parke	M	89042
8	452757	Aamodt	Gaetan	M	88221
9	240207	Aamodt	Jiann	F	87834
10	280448	Aamodt	Theron	M	87465
11	428594	Aamodt	Breannda	M	87334
12	99276	Aamodt	Takanari	M	85243

```
SELECT last_name,first_name, hire_date
```

```
FROM "Employees"
```

```
WHERE hire_date >= '19860101'
```

```
AND hire_date <= '19861201'
```

```
ORDER BY last_name asc;
```

	last_name character varying (250) 🔒	first_name character varying (250) 🔒	hire_date date 🔒
1	Aamodt	Danco	1986-10-10
2	Aamodt	Somnath	1986-01-15
3	Aamodt	Fatemeh	1986-05-07
4	Aamodt	Marek	1986-01-31
5	Aamodt	Moto	1986-05-29
6	Aamodt	Maik	1986-06-20
7	Aamodt	Theron	1986-03-16
8	Aamodt	Rajmohan	1986-05-22
9	Aamodt	Jaideep	1986-07-16
10	Aamodt	Shmuel	1986-05-27
11	Aamodt	Mahmut	1986-04-10
12	Aamodt	Luise	1986-07-27
13	Aamodt	Arvind	1986-11-20

```

SELECT e.emp_no, e.last_name, e.first_name, m.dept_no, d.dept_name
FROM "Managers" m
    JOIN "Employees" e ON m.emp_no = e.emp_no
    JOIN "Department" d ON m.dept_no = d.dept_no
ORDER BY e.last_name asc;

```

Data Output Messages Notifications					
	emp_no integer	last_name character varying (250)	first_name character varying (250)	dept_no character varying (10)	dept_name character varying (250)
1	110085	Alpin	Ebru	d002	Finance
2	111692	Butterworth	Tonny	d009	Customer Service
3	110344	Cools	Rosine	d004	Production
4	110567	DasSarma	Leon	d005	Development
5	110420	Ghazalie	Oscar	d004	Production
6	111784	Giarratana	Marjo	d009	Customer Service
7	110511	Hagimont	DeForest	d005	Development
8	110765	Hofmeyr	Rutger	d006	Quality Management
9	111035	Kaelbling	Przemyslaw	d007	Sales
10	111534	Kambil	Hilary	d008	Research
11	110386	Kieras	Shem	d004	Production
12	110114	Legleitner	Isamu	d002	Finance

```

SELECT d.dept_no, e.emp_no, e.last_name, e.first_name, d.dept_name
FROM "Department_employee" de
    JOIN "Employees" e ON de.emp_no = e.emp_no
    JOIN "Department" d ON de.dept_no = d.dept_no
ORDER BY e.last_name asc;

```

Data Output Messages Notifications					
	dept_no character varying (10)	emp_no integer	last_name character varying (250)	first_name character varying (250)	dept_name character varying (250)
237	d006	50336	Acton	Odoardo	Quality Management
238	d005	32537	Acton	Kensei	Development
239	d009	216254	Acton	Shuji	Customer Service
240	d005	30263	Acton	Prodip	Development
241	d005	66117	Acton	Djenana	Development
242	d005	461027	Acton	Raimond	Development
243	d004	40881	Acton	Hatem	Production
244	d009	101194	Acton	Koldo	Customer Service
245	d005	481285	Acton	Amstein	Development
246	d001	34354	Acton	Kristen	Marketing
247	d003	433150	Acton	Fay	Human Resources
248	d005	85120	Acton	Zeljko	Development
249	d005	40881	Acton	Hatem	Development

```

SELECT last_name, first_name, sex
FROM "Employees"
WHERE first_name = 'Hercules' AND last_name LIKE 'B%'
ORDER BY last_name ASC;

```

Data Output Messages Notifications			
	last_name character varying (250) 🔒	first_name character varying (250) 🔒	sex character varying (20) 🔒
1	Baak	Hercules	M
2	Baer	Hercules	M
3	Bahr	Hercules	M
4	Bail	Hercules	F
5	Bain	Hercules	F
6	Baranowski	Hercules	M
7	Barreiro	Hercules	M
8	Basagni	Hercules	M
9	Benantar	Hercules	F
10	Benzmuller	Hercules	M
11	Bernardinello	Hercules	F
12	Bernatsky	Hercules	M

```

SELECT e.emp_no, e.last_name, e.first_name, d.dept_name
FROM "Department_employee" de
    JOIN "Employees" e ON de.emp_no = e.emp_no
    JOIN "Department" d ON de.dept_no = d.dept_no
WHERE d.dept_name = 'Sales'
ORDER BY e.last_name asc;

```

Data Output Messages Notifications				
	emp_no integer	last_name character varying (250)	first_name character varying (250)	dept_name character varying (250)
1	36264	Aamodt	Sariel	Sales
2	105020	Aamodt	Mostafa	Sales
3	283857	Aamodt	Weiru	Sales
4	240207	Aamodt	Jiann	Sales
5	280448	Aamodt	Theron	Sales
6	221023	Aamodt	Shan	Sales
7	61219	Aamodt	Chuanyi	Sales
8	19898	Aamodt	Vidar	Sales
9	271789	Aamodt	Valeri	Sales
10	71936	Aamodt	Kish	Sales
11	428594	Aamodt	Breannda	Sales
12	67277	Aamodt	Teiji	Sales

```

SELECT e.emp_no, e.last_name, e.first_name, d.dept_name
FROM "Department_employee" de
    JOIN "Employees" e ON de.emp_no = e.emp_no
    JOIN "Department" d ON de.dept_no = d.dept_no
WHERE d.dept_name = 'Sales' OR d.dept_name = 'Development'
ORDER BY e.last_name asc,
        d.dept_name desc;

```

Data Output Messages Notifications				
	emp_no integer	last_name character varying (250)	first_name character varying (250)	dept_name character varying (250)
33	67277	Aamodt	Teiji	Sales
34	103125	Aamodt	Huican	Sales
35	280448	Aamodt	Theron	Sales
36	492546	Aamodt	Elzbieta	Sales
37	443223	Aamodt	Karlis	Sales
38	428594	Aamodt	Breannnda	Sales
39	433338	Aamodt	Gian	Sales
40	493102	Aamodt	Srinidhi	Sales
41	455773	Aamodt	Aemilian	Sales
42	438271	Aamodt	Geraldo	Development
43	458485	Aamodt	Geraldo	Development
44	439427	Aamodt	Masamitsu	Development
45	455119	Aamodt	Mani	Development

```
SELECT last_name, COUNT(last_name)
```

```
FROM "Employees"
```

```
GROUP BY last_name
```

```
ORDER BY last_name desc;
```

Data Output Messages Notifications			
	last_name character varying (250)	count bigint	
1	Zykh	148	
2	Zyda	181	
3	Zwicker	176	
4	Zweizig	180	
5	Zumaque	195	
6	Zultner	177	
7	Zucker	185	
8	Zuberek	209	
9	Zschoche	165	
10	Zongker	192	
11	Zolotykh	183	
12	Zockler	173	