

Tehtävä 5. Employees, osa 1

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a)

```
mysql> select * from departments;
```

dept_no	dept_name
d009	Customer Service
d005	Development
d002	Finance
d003	Human Resources
d001	Marketing
d004	Production
d006	Quality Management
d008	Research
d007	Sales

```
9 rows in set (0.02 sec)
```

b)

```
mysql> SELECT DISTINCT title FROM titles;
```

title
Senior Engineer
Staff Engineer
Senior Staff
Assistant Engineer
Technique Leader
Manager

```
7 rows in set (0.63 sec)
```

c)

```
mysql> SELECT MIN(salary) AS "Lowest salary" FROM salaries;
```

Lowest salary
38623

```
1 row in set (1.65 sec)
```

```
mysql> SELECT MAX(salary) AS "Highest salary" FROM salaries;
```

Highest salary
158220

```
1 row in set (1.93 sec)
```

d)

```
mysql> SELECT AVG(salary) AS "Average salary" FROM salaries;
```

Average salary
63810.7448

```
1 row in set (2.18 sec)
```

e)

```
mysql> SELECT * FROM employees WHERE last_name= 'Facello';
```

emp_no	birth_date	first_name	last_name	gender	hire_date
10001	1953-09-02	Georgi	Facello	M	1986-06-26
10327	1954-04-01	Roded	Facello	M	1987-09-18
12751	1964-07-06	Nahum	Facello	M	1995-01-09
15346	1959-09-26	Kirk	Facello	F	1991-12-07
15685	1958-07-12	Kasturi	Facello	M	1992-03-13
18686	1962-02-23	Kwangyoen	Facello	F	1985-05-02
19041	1957-05-29	Billur	Facello	F	1992-08-03
21947	1954-06-18	Taisook	Facello	F	1991-07-30
23938	1955-07-11	Nahum	Facello	M	1985-09-15
24774	1956-09-23	Uno	Facello	F	1989-11-09
24806	1959-09-30	Charmane	Facello	F	1989-03-17
25955	1962-10-09	Christoph	Facello	M	1989-03-24
27732	1955-06-04	Girolamo	Facello	M	1986-06-30
30320	1953-12-21	Kristine	Facello	F	1990-06-10
31107	1962-10-13	Fai	Facello	M	1994-07-11
32138	1955-04-13	Anyuan	Facello	F	1988-10-04
32580	1953-04-25	Kirk	Facello	M	1988-05-31
36371	1961-05-29	Cristinel	Facello	M	1986-10-14
37261	1957-11-06	Zijian	Facello	F	1986-06-30

f)

```
mysql> SELECT COUNT(birth_date) FROM employees WHERE birth_date >= '1950-1-1';
+-----+
| COUNT(birth_date) |
+-----+
|          300024 |
+-----+
1 row in set (0.08 sec)
```

g)

```
mysql> SELECT COUNT(gender) FROM employees WHERE gender = 'M';
+-----+
| COUNT(gender) |
+-----+
|          179973 |
+-----+
1 row in set (0.12 sec)

mysql> SELECT COUNT(gender) FROM employees WHERE gender = 'F';
+-----+
| COUNT(gender) |
+-----+
|          120051 |
+-----+
1 row in set (0.08 sec)
```