

Employees, osa 1

1. Minkä nimisiä osastoja (Departments) Employees-tietokannassa on ?

```
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 (0.01 sec)
```

2. Tulosta, (yhden kerran kukin) mitä nimikkeitä (title) tietokannassa on.

```
mysql> SELECT DISTINCT(title) FROM titles;
+-----+
| title |
+-----+
| Senior Engineer |
| Staff          |
| Engineer        |
| Senior Staff    |
| Assistant Engineer |
| Technique Leader |
| Manager         |
+-----+
7 rows in set (0.46 sec)
```

3. Mikä on suurin ja pienin palkka (salary) ?

```
mysql> SELECT MIN(salary) FROM salaries;
+-----+
| MIN(salary) |
+-----+
| 38623       |
+-----+
1 row in set (1.02 sec)

mysql> SELECT MAX(salary) FROM salaries;
+-----+
| MAX(salary) |
+-----+
| 158220      |
+-----+
1 row in set (1.05 sec)
```

4. Mikä on keskimääräinen palkka ?

```
mysql> SELECT AVG(salary) FROM salaries;
+-----+
| AVG(salary) |
+-----+
| 63810.7448  |
+-----+
1 row in set (2.03 sec)
```

5. Tulosta kaikki työntekijät, joiden sukunimi on Facello.

```
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

6. Kuinka moni työntekijä on syntynyt 1950-luvulla ?

```
mysql> SELECT COUNT(birth_date) FROM employees WHERE birth_date >= '1950-01-01' AND birth_date <= '1959-12-31';
```

COUNT(birth_date)
182886

1 row in set (0.08 sec)

7. Montako miestä ja montako naista työntekijöissä on ?

```
mysql> SELECT gender, count(*) FROM employees GROUP BY gender;
```

gender	count(*)
M	179973
F	120051

2 rows in set (0.37 sec)