

Tietokannat ja rajapinnat, viikko3 tehtävä 5.

```
mysql> desc departments;
```

Field	Type	Null	Key	Default	Extra
dept_no	char(4)	NO	PRI	NULL	
dept_name	varchar(40)	NO	UNI	NULL	

2 rows in set (0.01 sec)

```
mysql> select MIN(salary) from salaries;
```

MIN(salary)
38623

1 row in set (0.74 sec)

```
mysql> select MAX(salary) from salaries;
```

MAX(salary)
158220

1 row in set (1.02 sec)

```
mysql> SELECT title,count(*) AS lkm FROM titles GROUP BY title ;
```

title	lkm
Senior Engineer	97750
Staff	107391
Engineer	115003
Senior Staff	92853
Assistant Engineer	15128
Technique Leader	15159
Manager	24

7 rows in set (0.63 sec)

```
mysql> select AVG(salary) from salaries;
```

AVG(salary)
63810.7448

1 row in set (1.07 sec)

```
mysql> SELECT * from employees where last_name = Facello;
ERROR 1054 (42S22): Unknown column 'Facello' in 'where clause'
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	Charmene	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

Jatkuu vielä alempana mutta turhan

iso kuva niin jätetään nyt näin.

```
mysql> SELECT birth_date, COUNT(*) FROM employees GROUP from_date (1950-01-01) to_date(1959-12-31);
```

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

gender	count(*)
M	179973
F	120051

2 rows in set (0.39 sec)