

5. Employees, osa 1

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

b)

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

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

7 rows in set (0.34 sec)

c)

MIN:

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

min_salary
38623

1 row in set (0.77 sec)

MAX:

```
mysql> SELECT MAX(salary) AS max_salary FROM salaries;
+-----+
| max_salary |
+-----+
|      158220 |
+-----+
1 row in set (0.86 sec)
```

d)

```
mysql> SELECT AVG(salary) AS avg_salary FROM salaries;
+-----+
| avg_salary |
+-----+
| 63810.7448 |
+-----+
1 row in set (0.94 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 |
```

f)

```
mysql> SELECT COUNT(*) FROM employees WHERE birth_date BETWEEN '1950-1-1' AND '1959-12-31';
+-----+
| COUNT(*) |
+-----+
|      182886 |
+-----+
```

g)

Miehet: 179973

```
mysql> SELECT COUNT(*) FROM employees WHERE gender = 'm';
+-----+
| COUNT(*) |
+-----+
|    179973 |
+-----+
```

Naiset: 120051

```
mysql> SELECT COUNT(*) FROM employees WHERE gender = 'f';
+-----+
| COUNT(*) |
+-----+
|    120051 |
+-----+
```