Tehtävä 5

a)

```
mysql> SELECT DISTINCT dept_name FROM departments;
+-------------------+
| dept_name         |
+-------------------+
| Customer Service  |
| Development       |
| Finance           |
| Human Resources   |
| Marketing         |
| Production        |
| Quality Management|
| Research          |
| 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 (0.73 sec)
```

c)

```
mysql> SELECT MIN(salary) FROM salaries;
+-------------+
| MIN(salary) |
+-------------+
|       38623 |
+-------------+
1 row in set (2.06 sec)

mysql> SELECT Max(salary) FROM salaries;
+-------------+
| Max(salary) |
+-------------+
|      158220 |
+-------------+
1 row in set (4.15 sec)
```

d)

```
mysql> SELECT AVG(salary) FROM salaries;
+-------------+
| AVG(salary) |
+-------------+
|  63810.7448 |
+-------------+
1 row in set (2.72 sec)
```

e)

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

f)

```
mysql> SELECT COUNT(*) FROM employees WHERE birth_date >= '1950-01-01' AND birth_date < '1960-01-01';
+----------+
| COUNT(*) |
+----------+
|   182886 |
+----------+
1 row in set (0.20 sec)
```

g)

```
mysql> SELECT gender,count(*) FROM employees GROUP BY gender;
+--------+----------+
| gender | count(*) |
+--------+----------+
| M      |   179973 |
| F      |   120051 |
+--------+----------+
2 rows in set (0.42 sec)
```