

a)

```
mysql> select dept_name from departments;
+-----+
| dept_name |
+-----+
| Customer Service |
| Development |
| Finance |
| Human Resources |
| Marketing |
| Production |
| Quality Management |
| Research |
| Sales |
+-----+
9 rows in set (0.00 sec)
```

b)

```
mysql> select distinct title from titles;
+-----+
| title |
+-----+
| Senior Engineer |
| Staff |
| Engineer |
| Senior Staff |
| Assistant Engineer |
| Technique Leader |
| Manager |
+-----+
7 rows in set (0.86 sec)
```

c)

```
mysql> SELECT MIN(salary), MAX(salary) from salaries;
+-----+-----+
| MIN(salary) | MAX(salary) |
+-----+-----+
| 38623 | 158220 |
+-----+-----+
1 row in set (2.79 sec)
```

d)

```
mysql> select AVG(salary) from salaries;
+-----+
| AVG(salary) |
+-----+
| 63810.7448 |
+-----+
1 row in set (2.64 sec)
```

e)

```
mysql> select * from employees where last_name like '%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

f)

```
mysql> SELECT COUNT(*) from employees where year(birth_date) between 1950 and 1959;
```

COUNT(*)
182886

1 row in set (0.21 sec)

g)

```
mysql> select count(*) AS miehet from employees where gender = 'm';
```

miehet
179973

1 row in set (0.27 sec)

```
mysql> select count(*) AS naiset from employees where gender = 'f';
```

naiset
120051

1 row in set (0.23 sec)