

```
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 (0.02 sec)
```

a)

```
mysql> select distinct title from titles where 1;
```

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

```
7 rows in set (0.27 sec)
```

b)

```
mysql> select max(salary) From salaries where 1;
+-----+
| max(salary) |
+-----+
|      158220 |
+-----+
1 row in set (0.74 sec)
```

```
mysql> select min(salary) From salaries where 1;
+-----+
| min(salary) |
+-----+
|      38623 |
+-----+
1 row in set (0.69 sec)
```

c)

```
mysql> select avg(salary) From salaries where 1;
+-----+
| avg(salary) |
+-----+
|  63810.7448 |
+-----+
1 row in set (0.78 sec)
```

d)

```
mysql> SELECT first_name, last_name FROM employees WHERE last_name = 'Facello';
+-----+-----+
| first_name | last_name |
+-----+-----+
| Georgi     | Facello   |
| Roded      | Facello   |
| Nahum      | Facello   |
| Kirk       | Facello   |
| Kasturi    | Facello   |
| Kwangyoen  | Facello   |
| Billur     | Facello   |
| Taisook    | Facello   |
| Nahum      | Facello   |
| Uno        | Facello   |
| Charmane   | Facello   |
| Christoph  | Facello   |
+-----+-----+
```

e)

```
mysql> select count(*) as employees from employees where year(birth_date) between '1950' and '1959';
+-----+
| employees |
+-----+
|    182886 |
+-----+
1 row in set (0.14 sec)
```

f)

```
mysql> select gender, count(*) from employees group by gender;
+-----+-----+
| gender | count(*) |
+-----+-----+
| M      | 179973   |
| F      | 120051   |
+-----+-----+
2 rows in set (0.18 sec)
```

g)