

5. Employees, osa 1

a)

```
SELECT DISTINCT dept_name FROM departments;
```

dept_name
Customer Service
Development
Finance
Human Resources
Marketing
Production
Quality Management
Research
Sales

b)

```
SELECT DISTINCT title FROM titles;
```

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

c)

```
SELECT MAX(salary) FROM salaries;
```

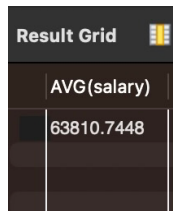
Result Grid	
	MAX(salary)
	158220

```
SELECT MIN(salary) FROM salaries;
```

Result Grid	
	MIN(sal...
	38623

d)

```
SELECT AVG(salary) FROM salaries;
```

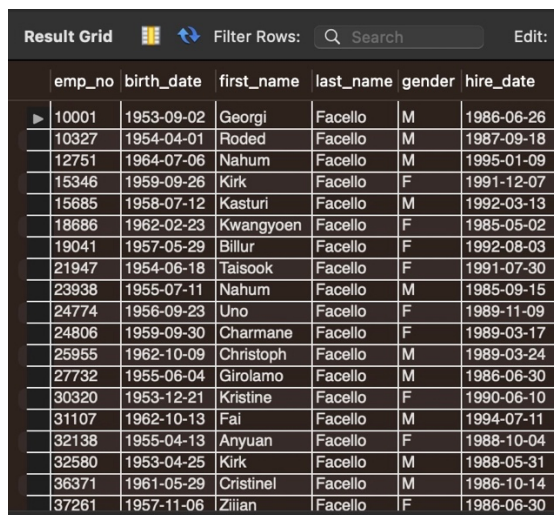


A screenshot of a database application's 'Result Grid'. The grid has a dark background with light text. The title 'Result Grid' is at the top left. Below it, the column header 'AVG(salary)' is displayed. The first row contains the value '63810.7448'.

AVG(salary)
63810.7448

e)

```
SELECT * FROM employees WHERE last_name LIKE '%Facello%';
```



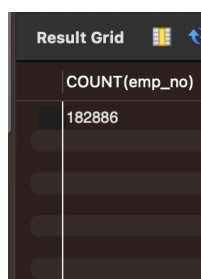
A screenshot of a database application's 'Result Grid'. The grid has a dark background with light text. The title 'Result Grid' is at the top left. Below it, there are icons for a grid, a refresh button, and a search bar labeled 'Filter Rows: Search'. To the right is an 'Edit:' button. The table has columns: emp_no, birth_date, first_name, last_name, gender, and hire_date. The first row is expanded, showing a right-pointing triangle icon. The table contains 20 rows of employee data.

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
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
37261	1957-11-06	Zillian	Facello	F	1986-06-30

Lista jatkuu vielä tästä....

f)

```
SELECT COUNT(emp_no) FROM employees WHERE (birth_date >= '1950-01-01' AND  
birth_date <= '1959-12-31');
```




A screenshot of a database application's 'Result Grid'. The grid has a dark background with light text. The title 'Result Grid' is at the top left. Below it, there are icons for a grid, a refresh button, and a search bar labeled 'Filter Rows: Search'. To the right is an 'Edit:' button. The table has a single column header 'COUNT(emp_no)'. The first row contains the value '182886'.

COUNT(emp_no)
182886

g)

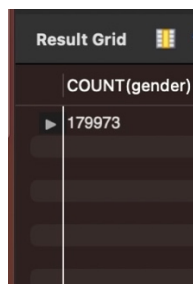
```
SELECT COUNT(gender) FROM employees WHERE gender LIKE "F";
```



A screenshot of a database result grid titled "Result Grid". It shows a single column header "COUNT(gender)" and one row with the value "120051".

COUNT(gender)
120051

```
SELECT COUNT(gender) FROM employees WHERE gender LIKE "M";
```



A screenshot of a database result grid titled "Result Grid". It shows a single column header "COUNT(gender)" and one row with the value "179973".

COUNT(gender)
179973