

Group F

Guillermo Chacon Clericus, Daniel Bilitewski, Nisrine Ferahi,
Rabiga Shangereyeva, Jonas Hellevang, Mariana Narvaez Cubillos

SQL & Data Modelling – Group Assignment 1

-- Question 1:

```
SELECT COUNT(*) FROM employee WHERE LENGTH(TRIM(lastname)) BETWEEN 6 AND 7;
```

-- Question 2:

```
SELECT empno, salary + comm + bonus AS total_salary FROM employee WHERE workdept = 'A00';
```

--Question 3:

```
SELECT SUM(salary + comm + bonus) FROM employee;
```

-Question 4:

```
SELECT empno, firstme, midinit, lastname FROM employee WHERE salary = (SELECT MAX(salary) FROM employee);
```

--Question 5:

```
SELECT COUNT(DISTINCT workdept) FROM employee;
```

--Question 6:

```
SELECT AVG(salary) FROM employee WHERE workdept = 'A00';
```

--Question 7:

```
SELECT salary FROM employee WHERE birthdate = (SELECT MIN(birthdate) FROM employee WHERE job = 'OPERATOR') AND job = 'OPERATOR';
```

--Question 8:

```
SELECT YEAR(MAX(birthdate)) - YEAR(MIN(birthdate)) AS age_diff FROM employee;
```

--Question 9:

```
SELECT COUNT(*) FROM employee WHERE salary >= (SELECT MIN(salary) FROM employee) + 10000;
```

--Question 10:

```
SELECT (COUNT(phoneno) - COUNT(DISTINCT phoneno))*2 FROM employee;
```