**Q1 :**

SELECT emp\_no, last\_name, first\_name, gender

FROM employees

LIMIT 10

**Q2 :**

SELECT emp\_no, last\_name, first\_name, gender

FROM employees

ORDER BY gender

LIMIT 10

**Q3 :**

SELECT COUNT(last\_name)

FROM employees

WHERE first\_name = 'Aamodt'

**Q4 :**

SELECT COUNT(emp\_no)

FROM employees

**Q5 :**

SELECT last\_name, COUNT(last\_name)

FROM employees

GROUP BY last\_name

ORDER BY COUNT(last\_name) DESC

LIMIT 5

**Q6 :**

CREATE VIEW salaries\_max AS

SELECT emp\_no, MAX(salary) AS salary

FROM salaries

GROUP BY emp\_no

**Q7 :**

SELECT last\_name, first\_name, gender, salary

FROM salaries\_max NATURAL JOIN employees

ORDER BY salary DESC

LIMIT 10

**Q8 :**

CREATE VIEW small\_salaries AS

SELECT \*

FROM salaries\_max

WHERE emp\_no IN (254466, 47978, 253939);

Et

CREATE VIEW small\_employees AS

SELECT emp\_no, first\_name, gender

FROM employees

WHERE emp\_no IN (254466, 47978, 237542);

**Q9 :**

SELECT COUNT(employees.emp\_no)

FROM employees NATURAL JOIN dept\_emp NATURAL JOIN departments

WHERE dept\_name = 'Finance'

**Q10 :**

SELECT departments.dept\_name, COUNT(emp\_no)

FROM dept\_emp NATURAL JOIN departments

GROUP BY departments.dept\_name

ORDER BY COUNT(emp\_no) DESC

LIMIT 1

**Q11 :**

SELECT SUM(salaries.salary)

FROM salaries JOIN employees USING(emp\_no) JOIN dept\_emp USING(emp\_no) JOIN departments USING(dept\_no)

WHERE departments.dept\_name = 'Research'

**Q12 :**

SELECT E2.last\_name AS 'Nom Manager', E2.first\_name AS 'Prenom Manager', E1.last\_name AS 'Nom managé', E1.first\_name AS 'Prénom managé'

FROM employees AS E2 JOIN dept\_manager ON(E2.emp\_no=dept\_manager.emp\_no) JOIN departments ON(dept\_manager.dept\_no=departments.dept\_no) JOIN dept\_emp ON(departments.dept\_no=dept\_emp.dept\_no) JOIN employees AS E1 ON(dept\_emp.emp\_no=E1.emp\_no)

ORDER BY E1.hire\_date DESC

LIMIT 1;