1. SELECT loc.city, SUM(emp.salary)

FROM employees emp

INNER JOIN departments dep ON emp.department\_id = dep.department\_id

INNER JOIN locations loc ON dep.location\_id = loc.location\_id

GROUP BY loc.city

ORDER BY 2

1. SELECT emp.first\_name, emp.last\_name, emp2.first\_name||' '||emp2.last\_name

FROM employees emp

INNER JOIN employees emp2 ON emp.manager\_id = emp2.employee\_id

WHERE EXTRACT (year FROM emp2.hire\_date)=1999 AND emp.hire\_date < to\_date('01.01.1999')

1. SELECT emp.first\_name||' '||emp.last\_name, emp.department\_id

FROM employees emp

LEFT JOIN job\_history job ON emp.employee\_id = job.employee\_id

WHERE job.employee\_id IS NULL

1. SELECT emp.first\_name||' '||emp.last\_name, dep.department\_name, emp.salary, job.min\_salary, job.max\_salary

FROM employees emp

LEFT JOIN jobs job ON emp.job\_id = job.job\_id

LEFT JOIN departments dep ON emp.department\_id = dep.department\_id

WHERE emp.salary > (((job.max\_salary - job.min\_salary) / 2) + job.min\_salary)

1. SELECT con.country\_name, COUNT(\*)

FROM employees emp

LEFT JOIN departments dep ON emp.department\_id = dep.department\_id

LEFT JOIN locations loc ON dep.location\_id = loc.location\_id

LEFT JOIN countries con ON loc.country\_id = con.country\_id

LEFT JOIN regions reg ON con.region\_id = reg.region\_id

WHERE reg.region\_id = '1'

GROUP BY con.country\_name

1. SELECT b.tab\_id

FROM document a

INNER JOIN document b ON a.tab\_temp < b.tab\_temp and b.tab\_date = a.tab\_date+1;