1.

SELECT e.NAME AS Имя, e.SALARY AS Зарплата

FROM employee e

JOIN (

SELECT MAX(SALARY) AS max\_salary

FROM employee

) max\_sal ON e.SALARY = max\_sal.max\_salary;

2.

WITH RECURSIVE wood AS (

SELECT ID, NAME, CHIEF\_ID, 1 AS depth

FROM EMPLOYEE

WHERE CHIEF\_ID IS NULL

UNION ALL

SELECT e.ID, e.NAME, e.CHIEF\_ID, c.depth + 1

FROM EMPLOYEE e

JOIN wood c ON e.CHIEF\_ID = c.ID

)

SELECT MAX(depth) AS max\_chain\_length

FROM wood;

3.

SELECT d.NAME AS DEPARTAMENT\_NAME, SUM(e.SALARY) AS TOTAL\_SALARY

FROM EMPLOYEE e

JOIN departament d ON e.DEPARTAMENT\_ID = d.ID

GROUP BY e.DEPARTAMENT\_ID, d.NAME

HAVING SUM(e.SALARY) = (

SELECT MAX(sum\_salary)

FROM (

SELECT SUM(SALARY) sum\_salary

FROM EMPLOYEE

GROUP BY DEPARTAMENT\_ID

) sum

)

4.

SELECT \* FROM employee

where NAME LIKE 'Р%н';