1.

--- prin a doua subcerere se va afla numarul de angajari din ziua lunii cu cele mai multe angajati (au fost facute maxim 12 angajari) iar prin prima subcerere se va afla care este acea zi (ziua cu cele mai multe angajari a fost 24). In final, cererea va afisa toti angajatii care au fost angajati in acea zi.

SELECT last\_name

FROM employees

WHERE EXTRACT (DAY FROM hire\_date) = (SELECT EXTRACT (DAY FROM hire\_date)

FROM EMPLOYEES

GROUP BY EXTRACT (DAY FROM hire\_date)

HAVING COUNT (\*) = (SELECT MAX(COUNT(\*))

FROM EMPLOYEES

GROUP BY EXTRACT (DAY FROM hire\_date)));

2.

--- subcerere in clauza SELECT

SELECT e1.employee\_id, e1.last\_name, e1.first\_name, (SELECT COUNT(e2.manager\_id)

FROM employees e2

WHERE manager\_id = e1.employee\_id) "nrSubalterni"

FROM employees e1;

--- subcerere in FROM

SELECT e1.employee\_id, e1.last\_name, e1.first\_name, NVL(e2.nrSubalterni,0)

FROM employees e1, (SELECT manager\_id, COUNT(employee\_id) nrSubalterni

FROM employees

GROUP BY manager\_id) e2

WHERE e1.employee\_id = e2.manager\_id;

3.

--- se va face union intre tabelul cu joburile din trecut (job\_anterior) si tabelul cu joburile din prezent

--- (job\_curent) pentru fiecare angajat (in tabelul total\_joburi) si se va afla orasul in care fiecare

--- angajat a lucrat cel mai mult

WITH job\_curent AS (SELECT e.employee\_id, city, ROUND(sysdate - hire\_date) zile

FROM employees e JOIN departments d USING (department\_id) JOIN locations l USING (location\_id)),

job\_anterior AS (SELECT j.employee\_id, city, ROUND(end\_date - start\_date) zile

FROM job\_history j JOIN departments d USING (department\_id) JOIN locations l USING (location\_id)),

total\_joburi AS (SELECT employee\_id, city, SUM(zile) suma

FROM (SELECT \*

FROM job\_curent

UNION ALL

SELECT \*

FROM job\_anterior)

GROUP BY employee\_id, city)

SELECT employee\_id, (SELECT city

FROM total\_joburi

WHERE emp.employee\_id = employee\_id AND suma = emp.zile\_max) "Oras cu numar maxim de zile"

FROM (SELECT employee\_id, MAX(suma) zile\_max

FROM total\_joburi

GROUP BY employee\_id) emp;