--salariul maxim din fiecare departament

select department\_id, max(salary)

from employees

group by department\_id; --12 rez

--care este angajatul/angajatii cu acest salariu maxim din fiecare departament?

select employee\_id, last\_name , department\_id, salary

from employees

where (department\_id, salary) in (select department\_id, max(salary)

from employees

group by department\_id)

order by department\_id; --11 rez

--R: v2 -- subcerere corelata

select e.employee\_id, e.last\_name , e.department\_id, e.salary

from employees e -- linie candidat e.....

where e.salary = (select max(salary) -- calculam salariul maxim pentru linia candidat

from employees b

where b.department\_id = e.department\_id

--fara clauza de GROUP BY!!!!!!

)

order by department\_id; --11 rez  
  
--R: v3 -- SELECT folosit in clauza FROM

select employee\_id, last\_name , department\_id, salary, sal\_max

from employees e, (select department\_id dept\_id, max(salary) sal\_max

from employees

group by department\_id) dept\_sal --tabela

where e.department\_id = dept\_sal.dept\_id

and e.salary = dept\_sal.sal\_max

order by department\_id; --11 rez

12. S? se afi?eze minimul, maximul, suma ?i media salariilor pentru fiecare job. \_+titlu\_job

select e.job\_id, job\_title, max(salary) Maxim, min(salary) MINIM, sum(salary) TOTAL, round(avg(salary)) MEDIA,

count(employee\_id) NR\_ang

from employees e, jobs j

where e.job\_id = j.job\_id

group by e.job\_id, job\_title;

17. S? se afi?eze codul ?i numele angaja?ilor care câstig? mai mult decât

salariul mediu din firm?. Se va sorta rezultatul în ordine descresc?toare a salariilor.

--care este salariul mediu din firma?

select avg(salary)

from employees;

--6461,682242990654205607476635514018691589

select employee\_id, last\_name, salary

from employees

where salary> (select avg(salary)

from employees)

order by salary desc;

--17". S? se afi?eze codul ?i numele angaja?ilor care câstig? mai mult decât

--salariul mediu din departamentul in care lucreaza.

--Se va sorta rezultatul în ordine descresc?toare a salariilor.

select e.employee\_id, e.last\_name, e.salary, department\_id

from employees e

where e.salary> (select avg(a.salary) --salariul mediu din departamentul in care lucreaza.

from employees a

where a.department\_id = e.department\_id) --fara group by!!!

order by e.salary desc; --38 rez

---V2:

select employee\_id, first\_name || ' ' || last\_name, salary,aux.sal

from employees e,(select department\_id, avg(salary) sal

from employees

group by department\_id) aux

where e.department\_id=aux.department\_id

and salary > aux.sal

order by 3 desc;--38 rez

--Ex: Sa se afiseze codul si numele angajatilor care câstiga

--cel mai mult pe job-ul pe care lucreaza.

--Se va sorta rezultatul în ordine descrescatoare a salariilor.