**Laborator 2**

1. Numele lunii in care s-a angajat fiecare angajat.

select first\_name, last\_name, to\_char(hire\_date, 'month')

from employees;

1. Numele lunii (crescator) + ziua angajarii (descrescator).

select first\_name, last\_name, to\_char(hire\_date, 'month'), to\_char(hire\_date, 'day')

from employees

order by 3 asc, 4 desc;

1. Data curenta.

select to\_char(sysdate, 'YYYY.MON.DD - HH24:MI')

from dual;

1. Angajari ordonate crescator dupa an (in caz de egalitate – descrescator dupa ziua din an).

select last\_name, first\_name, hire\_date, to\_char(hire\_date, 'YYYY') as an, to\_char(hire\_date, 'DDD') as zi\_an

from employees

order by to\_char(hire\_date, 'YYYY'), to\_char(hire\_date, 'DDD') desc;

1. Angajatii cu salariu > 2850.

select last\_name, first\_name, salary

from employees

where salary > 2850;

1. De cat timp sunt angajati.

select employee\_id, round(sysdate - hire\_date, 2) as angajare, to\_char(sysdate, 'dd/mm/yyyy hh24:mi'),

to\_char(hire\_date, 'dd/mm/yyyy hh24:mi')

from employees

order by angajare;

1. Angajati cu vechime mai mare de 10000 de zile.

select employee\_id, round(sysdate - hire\_date, 2) as angajare, to\_char(sysdate, 'dd/mm/yyyy hh24:mi'),

to\_char(hire\_date, 'dd/mm/yyyy hh24:mi')

from employees

where round(sysdate - hire\_date, 2) > 10000

order by angajare;

1. Angajati + job + data angajarii pentru salariatii angajati intre 20-feb-1987 si 1-mai-1989.

select last\_name, first\_name, job\_id, hire\_date

from employees

where hire\_date between '20-Feb-1987' and '1-May-1989';

Schimbare limba:

alter session set nls\_language=romanian;

1. Angajatii + codul departamentelor pentru angajatii din departamentele 10, 30, 50 ordonati alfabetic.

select last\_name, first\_name, department\_id

from employees

where department\_id in (10, 30, 50)

order by 1;

1. Angajatii al caror job contine -clerk- sau -ret- si nu au salariu egal cu 3200, 2700, 2500, 3100, 6200.

select last\_name, first\_name, job\_id, salary

from employees

where (lower(job\_id) like ('%clerk%') or lower(job\_id) like ('%rep%')) and salary not in (3200, 2700, 2500, 3100, 6200);

1. Angajatii + jobul pentru angajatii fara manageri.

select last\_name, first\_name, job\_id

from employees

where manager\_id is null;

1. Angajatii + jobul pentru cei cu manager.

select last\_name, first\_name, job\_id

from employees

where manager\_id is not null;

1. Explicatii de ce nu functioneaza corespunzator atunci cand comisionul este nul.

Afiseaza doar cativa angajati deoarece unii au comision null, iar where trece peste ei.

select last\_name, first\_name, salary, commission\_pct

from employees

where salary > 5\*salary\*commission\_pct;

Afiseaza doar cativa angajati deoarece unii au comision null, iar where trece peste ei.

select last\_name, first\_name, salary, commission\_pct, commission\_pct\*salary

from employees

where salary < 5000\*salary\*commission\_pct;

Acelasi caz:

select last\_name, first\_name, salary, commission\_pct, commission\_pct\*salary

from employees

where salary < salary\*commission\_pct + salary\*10;

**FOLOSIM FUNCTIA NVL**

select last\_name, first\_name, salary, commission\_pct, commission\_pct\*salary

from employees

where salary < salary\*nvl(commission\_pct, 0) + salary\*10;