Laborator 13

1. Să se listeze informaţii despre angajaţii care au lucrat în toate proiectele demarate în primele 6 luni ale anului 2006. Implementaţi toate variantele.

Varianta Grupare si Having

select employee\_id, count(project\_id)

from works\_on

where project\_id in (select project\_id from project where start\_date >= to\_date('01-01-2006', 'dd-mm-yyyy') and start\_date < to\_date('01-07-2006', 'dd-mm-yyyy'))

group by employee\_id

having count(project\_id) = (select count(\*) from project where start\_date >= to\_date('01-01-2006', 'dd-mm-yyyy') and start\_date < to\_date('01-07-2006', 'dd-mm-yyyy'));

Varianta Minus

select distinct a.employee\_id

from works\_on a

where not exists (

(select project\_id

from project p

where start\_date >= to\_date('01-01-2006', 'dd-mm-yyyy')

and start\_date < to\_date('01-07-2006', 'dd-mm-yyyy'))

MINUS

(select b.project\_id

from works\_on b

where a.employee\_id = b.employee\_id)

);

1. SQL PLUS

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

FROM employees

WHERE employee\_id = &p\_cod;

SELECT employee\_id, last\_name, department\_id, salary\*12 as salary

FROM employees

WHERE lower(job\_id) = lower('&job\_cod');

1. Să se listeze informaţii despre proiectele la care au participat toţi angajaţii care au deţinut alte 2 posturi în firmă.

select project\_id

from works\_on

where employee\_id in (select employee\_id

from job\_history

group by employee\_id

having count(\*) >= 2)

group by project\_id

having count(employee\_id) = (select count(\*) from ((select count(distinct employee\_id)

from job\_history

group by employee\_id

having count(\*) >= 2)));