**Tema 2 - continuare**

8) Toate filmele rezervate au fost împrumutate la data rezervării? Afișați textul “Da” sau ”Nu” în funcție de situație.

select

case when

(select count(\*)

from rental ren, reservation res

where ren.member\_id = res.member\_id and ren.title\_id = res.title\_id and ren.book\_date != res.res\_date) > 0

then 'NU'

else 'DA'

end

from dual;

9) De câte ori a împrumutat un membru (nume și prenume) fiecare film (titlu)?

var 1 – fara produs cartezian

select m.first\_name ||' '|| m.last\_name as "Nume", t.title as "Titlu", count(\*) as "Imprumuturi"

from member m, rental ren, title t

where m.member\_id = ren.member\_id and ren.title\_id = t.title\_id

group by ren.title\_id, t.title, m.first\_name, m.last\_name;

var 2 – cu produs cartezian

with filme\_imprumutate as

(

select t.title\_id, m.member\_id, count(\*) nr\_imp

from member m, rental ren, title t

where m.member\_id = ren.member\_id and ren.title\_id = t.title\_id

group by ren.title\_id, t.title, m.first\_name, m.last\_name

)

select m.first\_name ||' '|| m.last\_name as "Nume", t.title as "Titlu", m.member\_id, t.title\_id, nvl((select nr\_imp from filme\_imprumutate where

(t.title\_id = filme\_imprumutate.title\_id and m.member\_id = filme\_imprumutate.member\_id)), 0) as "Imprumuturi"

from member m, title t order by 1;

10) De câte ori a împrumutat un membru (nume si prenume) fiecare exemplar (cod) al unui film (titlu)?

select m.first\_name ||' '|| m.last\_name as "Nume", ren.copy\_id as "Cod", t.title as "Titlu", count(t.title\_id) "Imprumutari"

from member m, rental ren, title t

where m.member\_id = ren.member\_id and ren.title\_id = t.title\_id

group by ren.copy\_id, t.title, m.first\_name, m.last\_name;

11) Obtineti statusul celui mai des împrumutat exemplar al fiecarui film (titlu).

with nr\_rentals as

( select r.copy\_id, r.title\_id, count(\*) cnt

from rental r

group by r.title\_id, r.copy\_id

)

select tc.copy\_id as "Id exemplar", t.title as "Titlu", tc.status as "Status"

from title\_copy tc, title t, rental r

where t.title\_id=tc.title\_id and t.title\_id=r.title\_id and tc.copy\_id=r.copy\_id

group by t.title\_id, tc.status, tc.copy\_id, t.title

having count(r.copy\_id) = (select max(cnt) from nr\_rentals

where nr\_rentals.title\_id=t.title\_id)

order by t.title\_id;

12) Pentru anumite zile specificate din luna curenta, obtineti numarul de împrumuturi efectuate.

a) Se iau în considerare doar primele 2 zile din luna.

select distinct(to\_char(book\_date)), count(r.book\_date) as "Imprumuturi"

from rental r

where extract(month from book\_date) = extract(month from sysdate) and (extract(day from book\_date) = 1 or extract(day from book\_date) = 2)

group by to\_char(book\_date);

b)

select to\_char(book\_date) as "Data", count(\*) as "Imprumuturi"

from rental

where extract(month from book\_date) = extract(month from sysdate)

group by to\_char(book\_date);

c)

with dates as

(

select trunc (last\_day(sysdate) - rownum + 1) dt

from dual connect by rownum <= extract(day from last\_day(sysdate))

)

select dt, (

select count(\*)

from rental where

extract(day from book\_date) = extract(day from dt)

and extract(month from book\_date) = extract(month from dt)) as "Imprumuturi"

from dates

order by 1;