**1.Execute sql statement base on condition implement CASE**

a) conditia valideaza valoarea unei coloane

select case plate\_id

when 67611

then

(select count(\*) from veh\_plate vp where vp.inv\_status\_code = 7 and vp.asn\_code = 3) --> 798

else

(select count(\*) from veh\_plate vp where vp.inv\_status\_code = 7 and vp.asn\_code = 1) -->3405

end as xxx

from veh\_plate where plate\_number = 'AB01AAA'

b) conditia valideaza count = 1

select case count(\*)

when 1 then

(select count(\*) from veh\_plate vp where vp.inv\_status\_code = 7 and vp.asn\_code = 3 )

else

(select count(\*) from veh\_plate vp where vp.inv\_status\_code = 7 and vp.asn\_code = 1)

end as xxx

from veh\_plate vp

where vp.inv\_status\_code = 6

and vp.asn\_code = 5

and regexp\_like(vp.plate\_number, 'CS\d{2}\w{3}')

group by 1

**2. Count record from multiple tables with count on each table**

select (

select count (\*) as records from audit\_dlvr where event\_code in (1303,1332) and component\_code = 17 and audit\_date\_time > sysdate - (0.06/24\*60) and param3 like '%BV06EIN%')

+

(select count(\*) as records from audit\_dlvr where event\_code = 1330 and component\_code = 17 and audit\_date\_time > sysdate - (0.016/24\*60) and param3 like '%BV06EIN%')

+

(select count(\*) as records from audit\_dlvr where event\_code = 345 and component\_code = 17 and audit\_date\_time like sysdate and param3 like '%BV06EIN%')

+

(select count(\*) as records from audit\_dlvr where event\_code = 343 and component\_code = 17 and audit\_date\_time > sysdate - (0.01/24\*60) and param3 like '%BV06EIN%' and comments like '%Comanda placa speciala geometrie AB%')

+

(select count(\*) as records from audit\_dlvr where event\_code = 213 and component\_code = 17 and audit\_date\_time > sysdate - (0.01/24\*60) and comments like '%000000006143%')

+

(select count(\*) as records from audit\_dlvr where event\_code = 213 and component\_code = 17 and audit\_date\_time > sysdate - (0.01/24\*60) and comments like '%6142%')

+

(select count(\*) as records from audit\_dlvr where event\_code = 341 and component\_code = 17 and audit\_date\_time > sysdate - (0.01/24\*60) and comments like '%6142%')

+

(select count(\*) as records from audit\_dlvr where event\_code = 1451 and component\_code = 17 and audit\_date\_time > sysdate - (0.01/24\*60) and param3 like '%BV06EIN%') as AUDIT\_REBUT\_LOG

from dual

**3. UNION CONFUNDAT cu “+”**

**Daca rezulatul primului select continue a, b si al doilea a 🡪 a,b**

SELECT vpd.plate\_number as PLATE\_NUMBER FROM veh\_plate\_destroy vpd inner join veh\_plate vp on vpd.plate\_number = vp.plate\_number WHERE vpd.doc\_nb is null AND vp.county\_code = 11  
 UNION  
 SELECT vp.plate\_number as PLATE\_NUMBER FROM veh\_plate vp WHERE vp.county\_code=11 and vp.inv\_status\_code=5 and vp.asn\_date <= ADD\_MONTHS(sysdate, -6) and   
 vp.plate\_id not in (select distinct(plate\_id) from vr vr where vr.vr\_status\_code in (1,2,3))

**4. REGEX**

select \* From veh\_plate vp where vp.asn\_code = 0 and vp.inv\_status\_code = 1 and regexp\_like(vp.plate\_number, 'CS\d{2}\w{3}')

**5. time check**

select count(\*) as records from audit\_dlvr where event\_code = 341 and component\_code = 17 and **audit\_date\_time >** sysdate - 1/(24\*12)

**🡪 1/24 = 1 ora 1/12 din 1 ora = 5 min**

**Varianta mai buna :**

* SYSDATE + (10/1440) is ten minutes from now.

sysdate>sysdate-(10/1440) – ce s-a modificat in DB aum 10 minute

6. **update pentru AN**

update payment set ins\_ts = (ins\_ts - interval '10' year) where id in (select pay\_id from payment\_detail where payment\_detail.plate\_number = 'ID01XXX') and ins\_ts > sysdate – 31

**7.intoarce ultima linie dintr-un tabel la numar de linii fixe**

select \*

from (select \* from vr where plate\_id = 7248854)

minus (select \*

from vr

where plate\_id = 7248854

and rownum < 2)

**8.intoarce ultima linie dintru-un table la numar de linii variabil**

select \*

from (select vr.\*,

row\_number() over(partition by vr.plate\_id order by vr.vr\_status\_date desc, vr.de\_date desc) rn

from vr

where plate\_id = 7248854)

where rn = 1

Explicatie : row\_number() over (partition by vr.plate\_id order by vr.vr\_status\_date desc,vr.de\_date desc ) rn face ordonarea dupa data astefel incat sa-l ia pe ultimul vr

ssss

**9.Order by 1 desc 🡪 se face sortare dupa ID-ul din spate !!!!**

**10. SQL join :**

**select TABLE\_A.COLUMN\_1 , TABLE\_B.COLUMN\_2 , TABLE\_C.COLUMN\_3, TABLE\_D.COLUMN\_4**

**from TABLE\_A**

**join TABLE\_B**

**on TABLE\_A.COLUMN\_X = TABLE\_B.COLUMN\_X**

**and .......conditions...**

**join TABLE\_C**

**on TABLE\_B.COLUMN\_Y = TABLE\_C.COLUMN\_Y**

**and .......conditions...**

**join TABLE\_D**

**on TABLE\_C.COLUMN\_Z = TABLE\_D.COLUMN\_Z**

**and .......conditions...**

**where TABLE\_B.COLUMN\_XXX = ABC**

**and .......conditions...**

11. Concatenate results :

a) Concateneaza rezultatul cu spatiu

select firstname || ' ' || lastname as numesiprenume

from (select pi.lastname, pi.firstname

from pers\_info pi

where pi.pin in (select pin from pers where pnc = '1751024063691')

order by pi.info\_ts desc)

where rownum < 2



b) Concatenare clasica

select concat(firstname ,lastname) as numesiprenume

from (select pi.lastname, pi.firstname

from pers\_info pi

where pi.pin in (select pin from pers where pnc = '1751024063691')

order by pi.info\_ts desc)

where rownum < 2

A screenshot of a computer

Description automatically generated