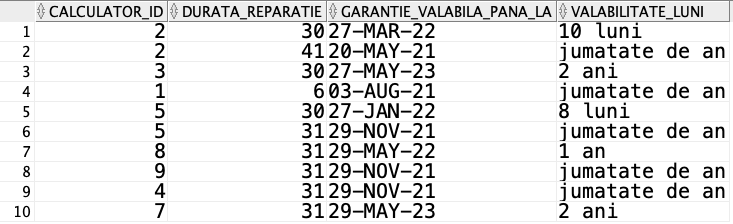
11) -— Sa se afle data de expirare a garantiei fiecarui calculator si durata reparatiei fiearui calculator

select calc.calculator\_id, round(rep.data\_sfarsit - rep.data\_inceput) durata\_reparatie, add\_months(rep.data\_sfarsit, g.perioada) garantie\_valabila\_pana\_la, decode(g.perioada, 10, '10 luni', 6, 'jumatate de an', 12, '1 an', 8, '8 luni', 24, '2 ani') valabilitate\_luni

from calculator calc join evidenta\_reparatie ev\_rep on (calc.calculator\_id = ev\_rep.calculator\_id)

join reparatie rep on (rep.reparatie\_id = ev\_rep.reparatie\_id)

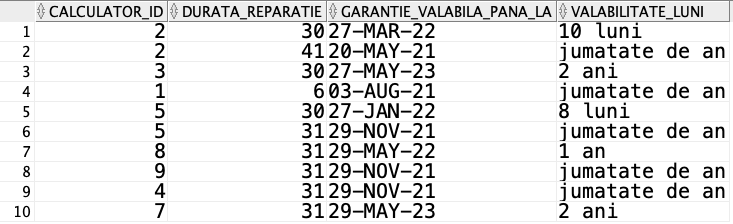
join garantie g on (g.reparatie\_id = rep.reparatie\_id);

-- Sa se afiseze clientii care au cel putin o factura cu un cost mai mare de 400 (rezultatul se va ordona dupa client\_id)

select distinct client\_id, nume, prenume

from client join factura using (client\_id)

where pret\_total > 400

order by client\_id;

-- Sa se afiseze id-ul, numele, initiala prenumelui si numarul de livrari al soferilor cu salariu maxim

select angajat\_id, nume, concat(substr(prenume, 1, 1), '.') initiala\_prenume, count(\*)nr\_livrari

from livrare join angajat using (angajat\_id)

where salariu = (select max(salariu)

from angajat join sofer using (angajat\_id))

group by angajat\_id, nume, substr(prenume, 1, 1);



-- Pentru fiecare client sa se afiseze client\_id, cu numele si prenumele acestuia, valoarea maxima a unei facturi achitate, precum si calculatorul care corespunde acelei reparatii. De asemenea, se va afisa daca factura se elibereaza pe persoana fizica sau pe societate, in functie de tipul de client

select c.client\_id, c.nume, c.prenume, f.pret\_total, rep.calculator\_id, case c.tip\_de\_client when 'persoana fizica' then 'factura pe persoana fizica' else 'factura pe societate' end tip\_factura

from client c join factura f on (c.client\_id = f.client\_id)

join reparatie r on (f.factura\_id = r.factura\_id)

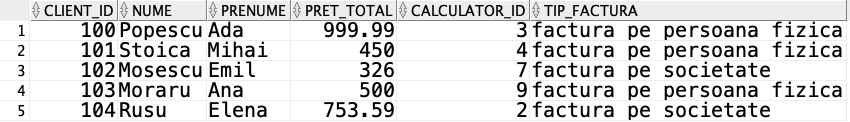
join evidenta\_reparatie rep on (r.reparatie\_id = rep.reparatie\_id)

where pret\_total = (select max(pret\_total)

from factura

where client\_id = c.client\_id

group by client\_id)

order by c.client\_id;

-- Sa se afiseze id-ul, nume si salriul angajatilor care au salariul mai mare decat media salariilor tuturor angajatilor

WITH medie\_salarii as

(SELECT avg(salariu) media

FROM angajat)

SELECT angajat\_id, nume, salariu

FROM angajat

WHERE salariu > (select media from medie\_salarii);

12) update client

set (nume, prenume) = (select prenume, nume from client where client\_id = 100)

where client\_id = 100;

update angajat

set salariu = salariu + 200

where angajat\_id = (select angajat\_id

from livrare join angajat using(angajat\_id)

group by angajat\_id

having count(\*) = (select max(count(\*))

from livrare join angajat using(angajat\_id)

group by angajat\_id));

update garantie

set perioada = 10

where garantie\_id = 200;

13) create sequence liv\_id

start with 400

increment by 10;

insert into livrare(livrare\_id, angajat\_id, depozit\_id, calculator\_id, data\_livrare, cost)

values(liv\_id.nextval, 14, 300, 6, to\_date('24-JUN-21'), 35);

insert into livrare(livrare\_id, angajat\_id, depozit\_id, calculator\_id, data\_livrare, cost)

values(liv\_id.nextval, 16, 300, 7, to\_date('4-JUN-21'), 20);

insert into livrare(livrare\_id, angajat\_id, depozit\_id, calculator\_id, data\_livrare, cost)

values(liv\_id.nextval, 16, 302, 8, to\_date('17-JUL-21'), 40);

insert into livrare(livrare\_id, angajat\_id, depozit\_id, calculator\_id, data\_livrare, cost)

values(liv\_id.nextval, 18, 304, 9, to\_date('30-MAY-21'), 25);

insert into livrare(livrare\_id, angajat\_id, depozit\_id, calculator\_id, data\_livrare, cost)

values(liv\_id.nextval, 18, 303, 10, to\_date('25-JUL-21'), 50);

14) create or replace view client\_calculator

as

select calculator\_id, client\_id, nume

from client join calculator using (client\_id);

-- permis

update client\_calculator

set client\_id = 103

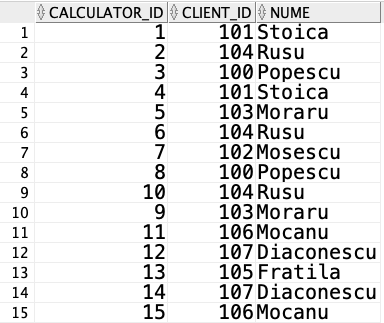
where calculator\_id = 5;

--nepermis deoarece coloana nume depinde de coloana client\_id care nu este key-preserved

update client\_calculator

set nume = 'Mihail'

where client\_id = 101;



16) -— Pentru fiecare angajat sa se afiseze id-ul si numele sau precum si de id-ul livrarii, depozitul din care se efectueaza livrarea, numarul de telefon al depozitului si orasul in care se afla (se vor afisa si angajatii cre nu au nicio livrare efectuata)

select angajat\_id, nume,livrare\_id, depozit\_id, depozit.numar\_de\_telefon, oras

from sofer left join angajat using (angajat\_id)

left join livrare using (angajat\_id)

left join depozit using (depozit\_id)

left join oras using (oras);

